

# HOUSE & GARDEN

A.E.MARTY-Paris 1928

UNIVERSITY OF HAWAII

MAR 4 1929

LIBRARY

Jack  
D.  
Doro



Spring Gardening Guide

March - 1929

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35 cts - 400 a year

# When nights are cold . . .

Motor oil must flow. And Texaco does. Freely. Instantly—the second your starter goes into action. In cold weather many motor oils turn thick as grease the moment your engine cools. When you start, they lag in the oil leads, leaving bearings and cylinder walls unprotected. For whole seconds these "dry spots" grate and grind and chafe each other. Not so with Texaco Golden Motor Oil. Clean and clear—as pure as it looks—free of all cold-sensitive impurities, Texaco flows and lubricates at all temperatures. Even at zero—and lower—Texaco flows—and lubricates.

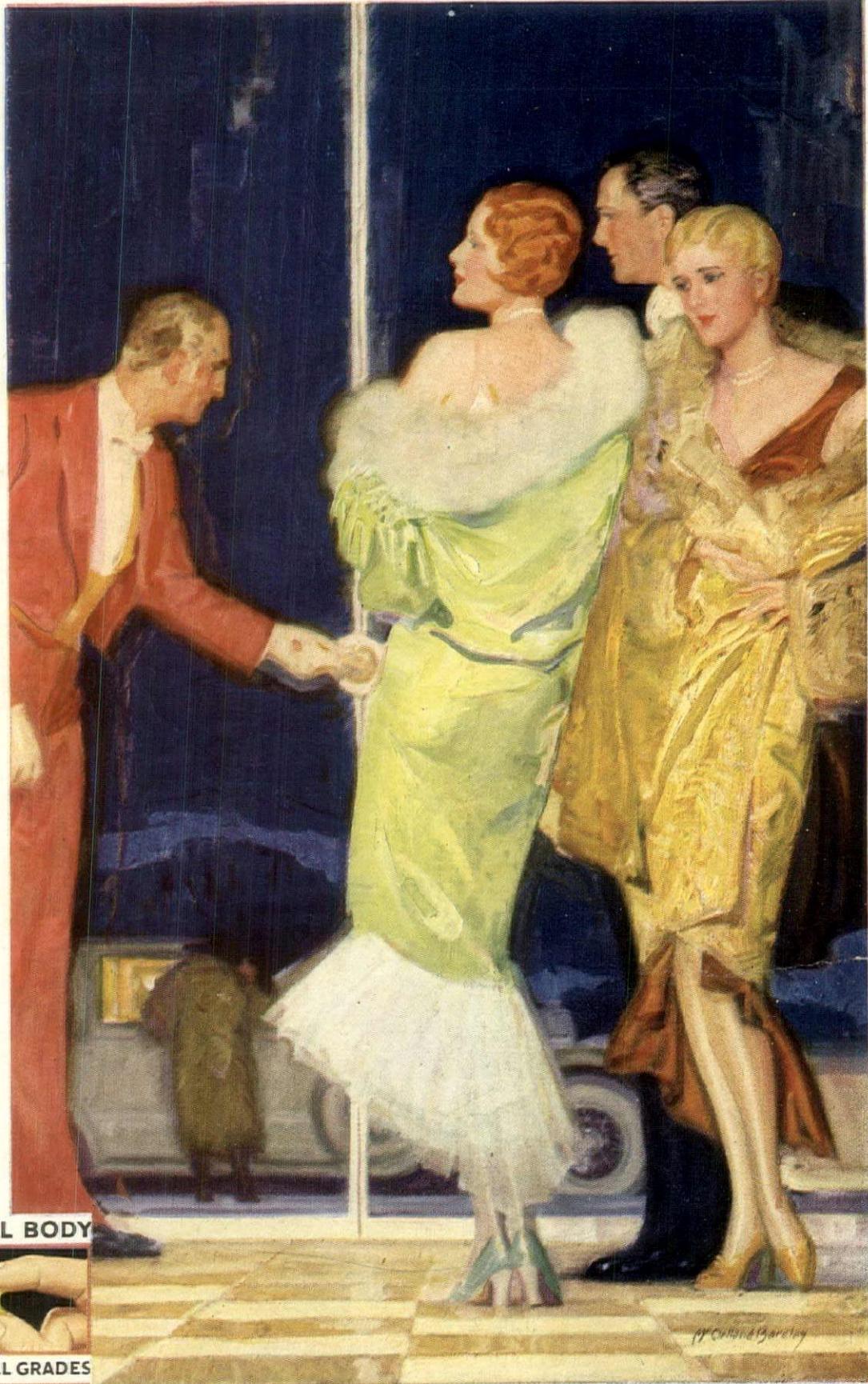
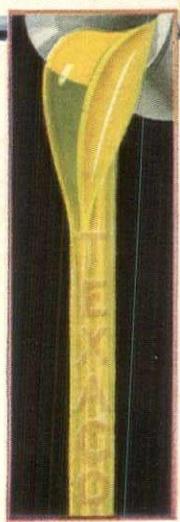
Change today to the proper grade of Texaco Golden Motor Oil. Stop wherever you see the Texaco Red Star with the Green T. While you are there be sure to try the new and better Texaco—the true high test gasoline at no added price.



FULL BODY



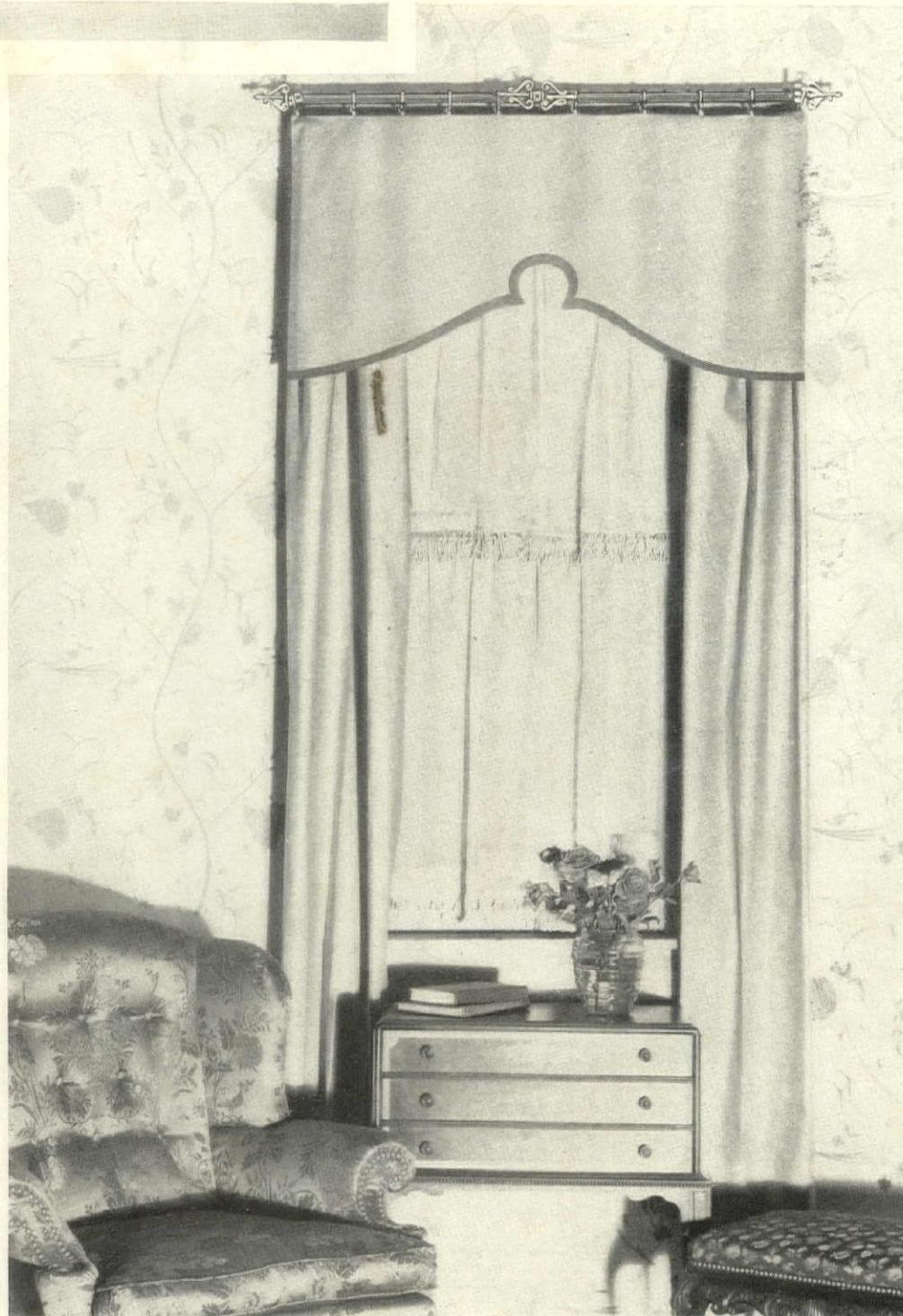
IN ALL GRADES



# TEXACO

## GOLDEN MOTOR OIL

THE TEXAS COMPANY, TEXACO PETROLEUM PRODUCTS



## When you use a *smart figured wall paper*

In this charmingly conceived room the decorator has chosen a soft satin for the valance and side-curtains — to contrast pleasingly with the smart modern wall paper. And as a crowning touch to the beauty of the window, Judd Decorated Bluebird Extending Rods in Gray Armor finish were used.

You, in your home, can also give a decided air of elegance to your window drapings, of whatever type they may be, by using

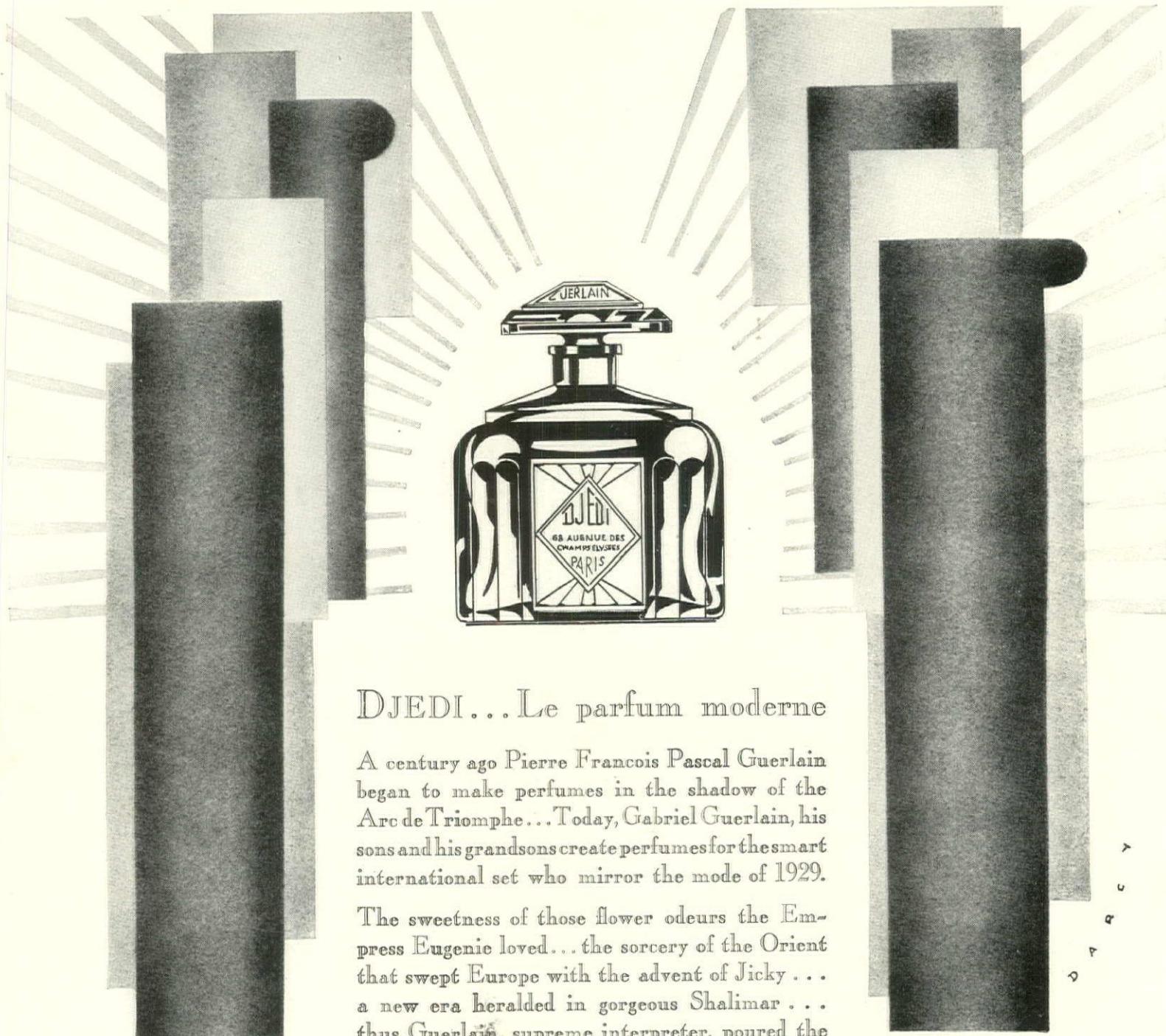
these famous rods. They are used by leading decorators everywhere. And you can be sure that whichever model you choose is fully authentic in style, is well and sturdily made, and is fully extending. Inquire for Judd Decorated Bluebird Rods at your favorite department, furniture or hardware store, or write direct to us and we will see that your needs are filled. H. L. Judd Company, Inc., 24 West 40th Street, New York City.

*Beneath the soft satin valance and side-curtains, two fringed voile curtains are used, each mounted on a Judd Flat Rod. The silk curtains are suspended from Judd Decorated Bluebird Rod No. 9H6. The Decorated Extending Rods are priced at \$1.50 to \$4.00 each, complete with brackets, rings, etc.*

# J U D D

## Drapery Fixtures

*Write today for a free copy of our new booklet "Suggestions for Beautiful Windows." It contains a more complete description of this beautiful window and is fully illustrated with photographs of many other actual window treatments which you can easily develop with Judd Rods and Fixtures.*



### DJEDI... Le parfum moderne

A century ago Pierre Francois Pascal Guerlain began to make perfumes in the shadow of the Arc de Triomphe... Today, Gabriel Guerlain, his sons and his grandsons create perfumes for the smart international set who mirror the mode of 1929.

The sweetness of those flower odors the Empress Eugenie loved... the sorcery of the Orient that swept Europe with the advent of Jicky... a new era heralded in gorgeous Shalimar... thus Guerlain, supreme interpreter, poured the soul of each succeeding age into his crystal flacons.

Today and tomorrow... there is DJEDI, le parfum de l'esprit moderne. Disturbing as the new art. Subtle as the restless modern mind. Created by Guerlain for women who are essentially of the period.

# GUERLAIN

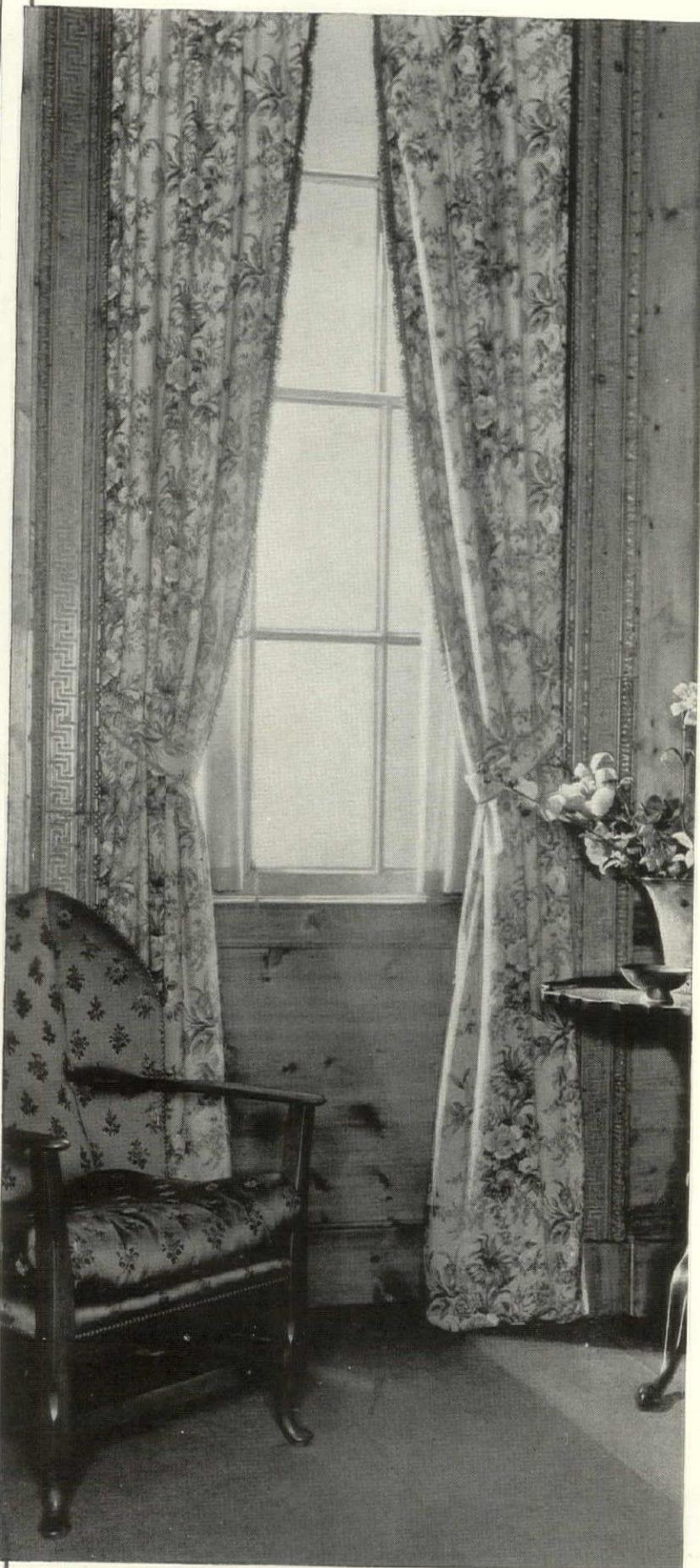
PARIS·68 CHAMPS ÉLYSÉES · MONTREAL·60 CRAIG ST. W. · NEW YORK·578 MADISON AVE.

GUERLAIN PERFUMES ARE BLENDED AND SEALED IN PARIS AND SOLD ONLY IN THE ORIGINAL BOTTLES



Fifth Ave.

B. ALTMAN & CO. New York



## New Cretonnes

HAND-BLOCKED  
LINENS AND  
CHINTZES

that bring into the home the exhilarating charm of fields riotously abloom, or of cool, well-ordered gardens. Distinctive—in many instances exclusive—patterns chosen with care from the best European and American looms for persons of discriminating tastes.

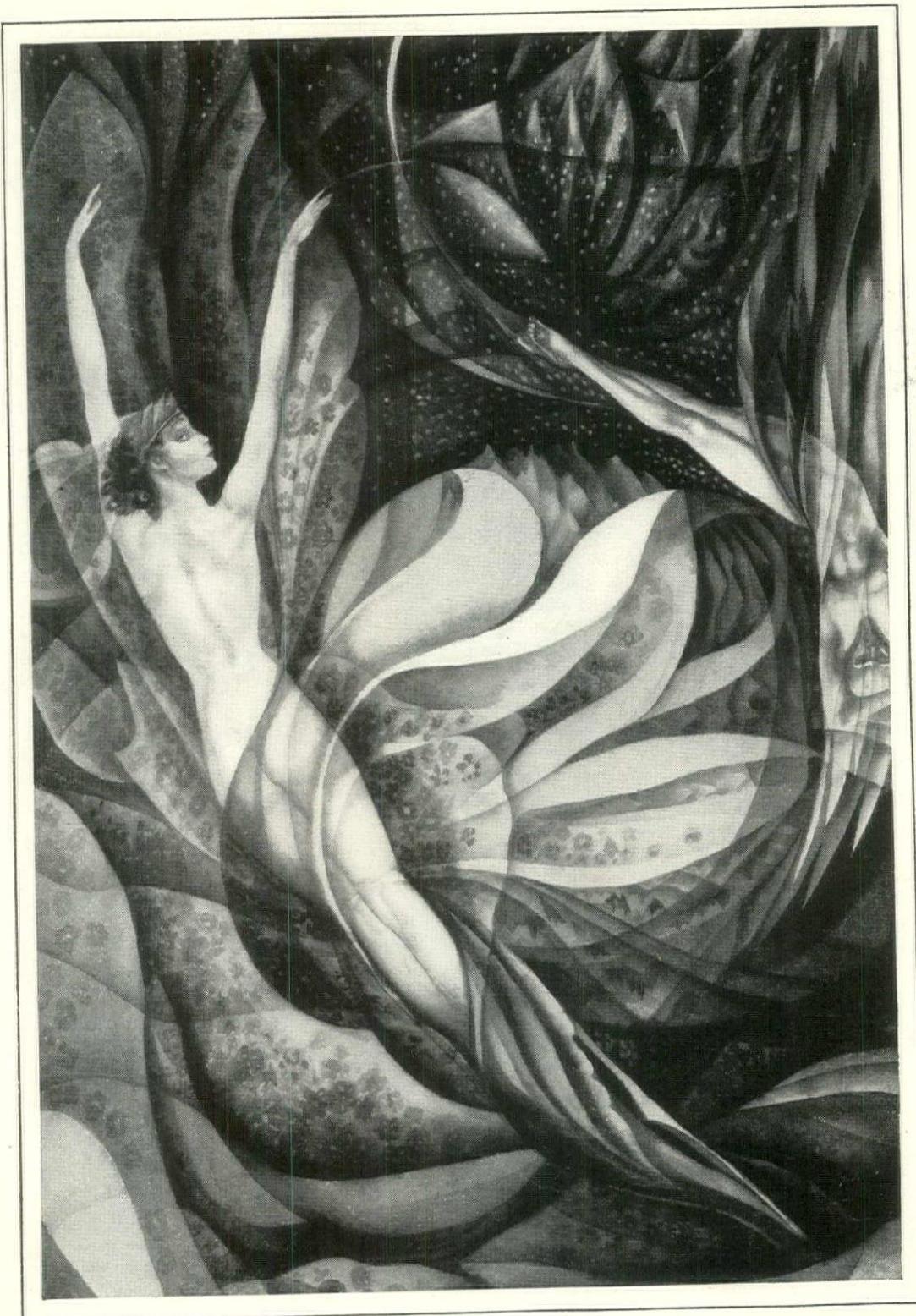
UPHOLSTERY FABRICS  
FOURTH FLOOR



Consult Altman Decorators now on your plans for Spring draperies and upholsteries—so that they will have time to design and make them in perfect accord with your wishes.

DECORATORS—SEVENTH FLOOR





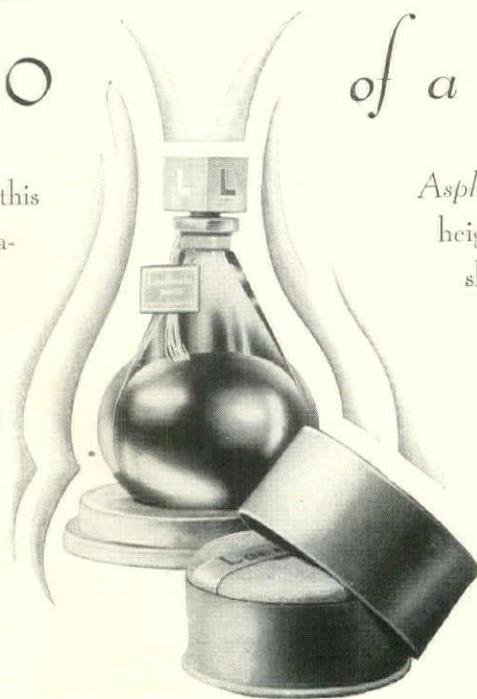
## THE SILVER ECHO

Many a lovely face will be made lovelier by this new aid to beauty . . . a Lenthéric powder fragranced with the triumphant radiance of Parfum Asphodèle . . . Technically, it is a superb powder—a beauty-creating powder . . . soft and smooth as a perfumed mist . . . so soft and smooth it seems a miracle that it can cling so cleverly and so long to a lovely cheek. Then, it is Asphodèle—not an inferior copy of this supreme odor. *Poudre Asphodèle* echoes sweetly, clearly, decisively the golden warmth, the tropic sweetness of Parfum

*of a golden perfume*

Asphodèle . . . Moreover, it is subtly shaded to heighten the beauty of any complexion . . . 5 shades, from cool blonde tones to dark brunette, as well as white. And as a final touch each silvery box of Lenthéric powder holds its own soft immaculate puff. Sold for a price surprisingly modest for a powder so exquisitely blended and fragranced.

**Lenthéric, Paris**  
Parfums · FIFTH AVE. AND 58TH STREET, NEW YORK  
245 RUE SAINT-HONORÉ, PARIS, FRANCE



# It Wasn't Like This

*In the Old  
Clipper Days!*



## The Supre-Macy Lawn Mower, \$24.24

Wheels and blades running on roller bearings, insuring smooth, swift action. 17 inch crucible steel knives. Ash handle double braced. Wheels 11-inches high. Guaranteed for 1 year against defective parts.

THAT was when men labored at lawn-mowing — pushing along at the old grass-cutting grind, and every daisy making a strange disturbance within the works. Now — What a difference! What a movement! Just like your first roller bearing skates — you buzz along at the same breath-taking clip, keeping up with yourself only by a miracle. This is a virile, a vigorous grass cutter — flower of a new race of Super-Lawn-Mowers.

## MACY'S

34th Street and Broadway, New York

# This Charming Chintz



## Tempers Modernity with Feminine Grace

If you have associated the term "modernistic" with bold patterns and clashing colors—consider this smart bedroom which lives up to the gay and animated spirit of the day, yet which is also so dainty that it would be an ideal apartment for a young girl.

It owes much of its inspiration to the unusual Waverly chintz chosen for the draperies, which follows the Viennese style of modern decor—emphasizing grace and lightness.

Upon a bisque background the design, in tones of green, gold, blue and apricot, trails its bright course. This is hung over glass curtains of pale green gauze, softly lustrous. A chaise longue is covered with the same chintz.

For contrast, the dressing-table is draped with a latticed Waverly Print, which carries out the



*Send 10 cents for samples of these and other new designs.*

*Address: Waverly Fabrics, Dept. 31  
60 W. 40th Street New York City.*

same color scheme, with shaded stripes of green on gold. This is also used for the smart oblong lampshade, and the bands on the pastel green bedspread.

The two fabrics are combined to make an ultra-smart closet—with the floral chintz used for the garment bags, and the latticed design for the hat boxes, stocking boxes, and lingerie drawers.

See this delightful design at your dealer's, and you will realize how adaptable it is. The orchid and green grounds make equally charming bedrooms, and with a black or peach background it is stunning for livingroom draperies.

Waverly Fabrics are sold in dry goods, furniture, and department stores, at prices ranging from fifty cents to a dollar and a half a yard.

## Waverly Fabrics

A SCHUMACHER UNIT



## Antiques that Graced A London Guild Hall in 1775

When the Grocers' Guild in 1775 ordered these fine, sturdy chairs for their great hall, little did they dream that the year 1929 would find them still ready for service and enjoyment. Yet here they are—a dozen of them—in the antique collections of *Lord & Taylor*, where with the beautiful Sheraton sideboard illustrated, they form part of a great assemblage of rare antiques, rich in historic charm.

EIGHTH FLOOR

*Lord & Taylor*

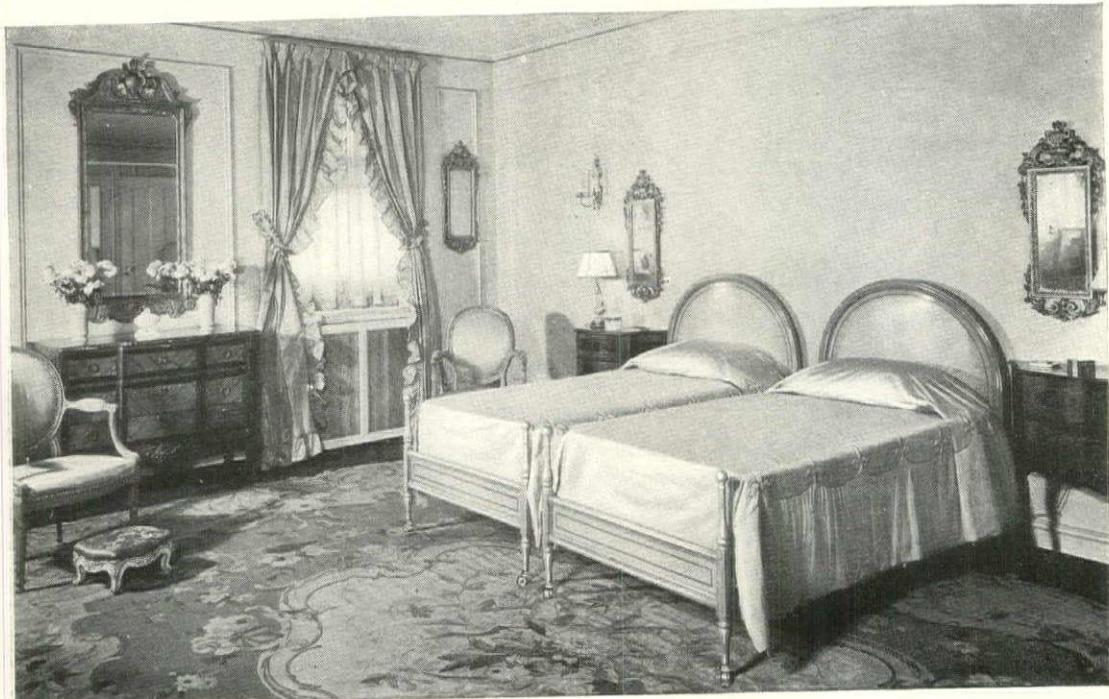
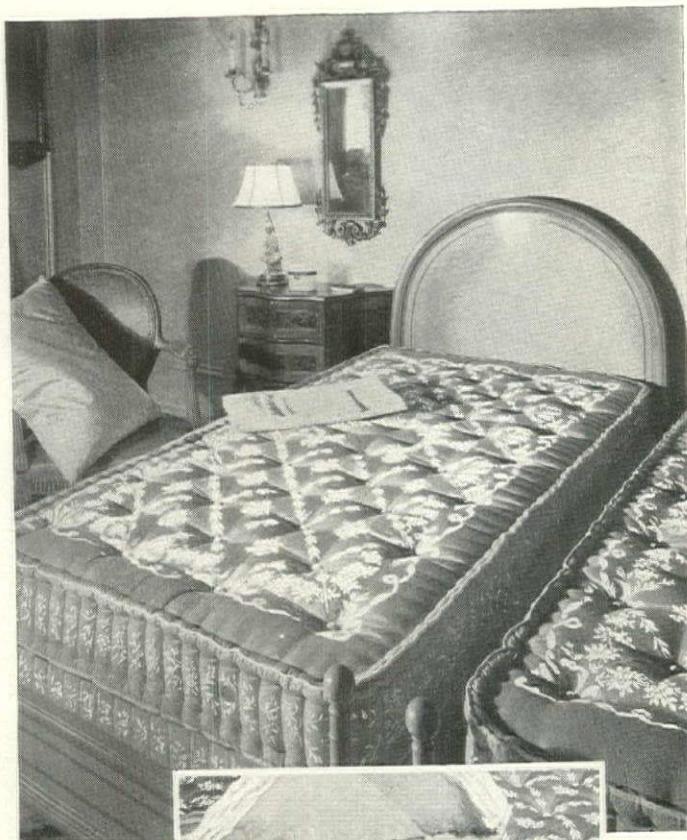
FIFTH AVENUE NEW YORK



*Mrs. Robert R. McCormick*

from a portrait by an eminent painter. Mrs. McCormick treasures pictures, owning one of the finest Cezannes in the world, an exquisite Matisse, and other splendid moderns. Extremely versatile, she is, as well as a distinguished Chicago hostess, a painter of some note, and the breeder of a prize Guernsey herd on her place at Wheaton.

THE DAMASK-COVERED BEAUTYREST MATTRESS AND MATCHING ACE BOX SPRING. The Beautyrest has a center of hundreds of small, individually pocketed coils that insure lasting buoyancy. The splendidly constructed box spring has the same taped edges and stitched sides, making a comfortable, pleasing pair. Rose, light blue and lilac in this pattern and a medallion design in sea-foam green, beige and Venetian blue.



S I M M O N S

BEDS · SPRINGS · MATTRESSES

BUILT FOR SLEEP

*has these Luxurious Mattresses and Springs*

ELEGANCE and luxury characterize the Chicago home of Mrs. Robert R. McCormick. Each smallest detail has been exquisitely thought out, from the Chinese brocades that hang in the entrance hall to the marvelous Aubusson rugs richly carpeting the floors.

There is an entire Adam room which came intact from England, and the garden was done by Vitale, who makes those charming Chinese shadow trees of iron.

And for this house of treasures Mrs. McCormick chose these most luxurious mattresses and springs—the damask covered Simmons Beautyrest Mattress and Ace Box Spring!

In this bedroom, done in the French and Venetian manner, their rose damask covers blend beautifully with the rose and apricot hangings. Mrs. McCormick, who is delighted with them, says:

"I can't say enough in praise of these buoyant Beautyrests and the new Ace Box Spring. They are the last word in comfort. The rose fits the color scheme of the room perfectly, and completes the harmony of color and comfort."

In furniture and department stores, Simmons Beautyrest Mattress, \$39.50; Simmons Ace Box Spring \$42.50; Simmons Ace Open Coil Spring \$19.75; Simmons Beds \$10.00 to \$60.00, No. 1581 \$32.75; Rocky Mountain Region and West, slightly higher. Look for the name "Simmons." The Simmons Company, New York, Chicago, Atlanta, San Francisco.

THIS EXQUISITE BEDROOM in Mrs. McCormick's home, has soft green walls, light rose organdy glass curtains with deep peach taffeta hangings, and a handsome Aubusson rug. In this setting of elegance, Simmons Beds No. 1581 fit perfectly, in green with apricot trim, and rose damask covered Beautyrests and Springs. This bed also comes in peach, mahogany, and walnut finish.

Already, 655,487  
Beautyrests  
in American homes\*  
*Every 54 seconds,  
one more Beautyrest  
in someone's home!*

\*These records are for the U. S. only



## THE PANELED PINE ROOM AT THE

*This new paneled room in the early Georgian manner at the Hampton Shops perfectly exemplifies the type of interior it is the particular province of the Hampton Decorators to create. Every detail is full of interest: the mantel, the carvings*

# Hampton Shops

18 EAST 50<sup>TH</sup> STREET  
NEW YORK

Furniture

Decoration

*in the Grinling Gibbons manner, the plaster ceiling, the Venetian glass chandelier—and most of all, the handling of the knotted Oregon pine in the paneling... Will you not visit this lovely room at the Hampton Shops?*

Antiques



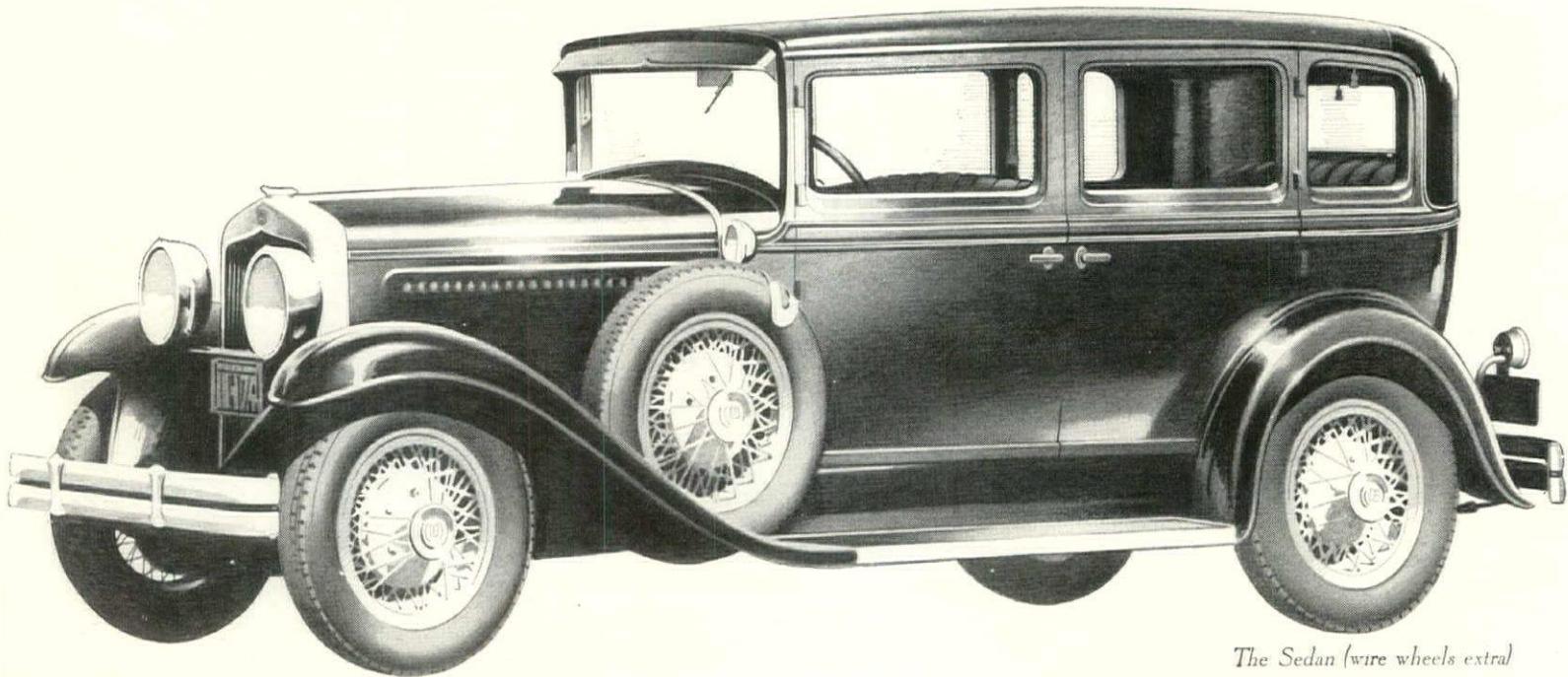
# Styled to the newest vogue in custom design . . .

NO OTHER fine car is quite like the new Dodge Senior. No other could be! Only the engineering genius of a Chrysler, coupled with the manufacturing proficiency of Dodge Brothers could achieve such all-comprising luxury at so moderate a price. Here is a motor car that is smart, spacious and versatile. Artistically, it is styled to the newest vogue in custom design. Mechanically, it embraces Walter P. Chrysler's latest advancements. Keyed to every modern need of traffic and travel, it performs with sparkling agility. Unique in its Chrysler quality and Dodge Brothers dependability, the new Dodge Senior is a value unsurpassed even by cars costing much more.

NEW LOWER PRICES  
NOW \$1495 TO \$1595  
F.O.B. DETROIT



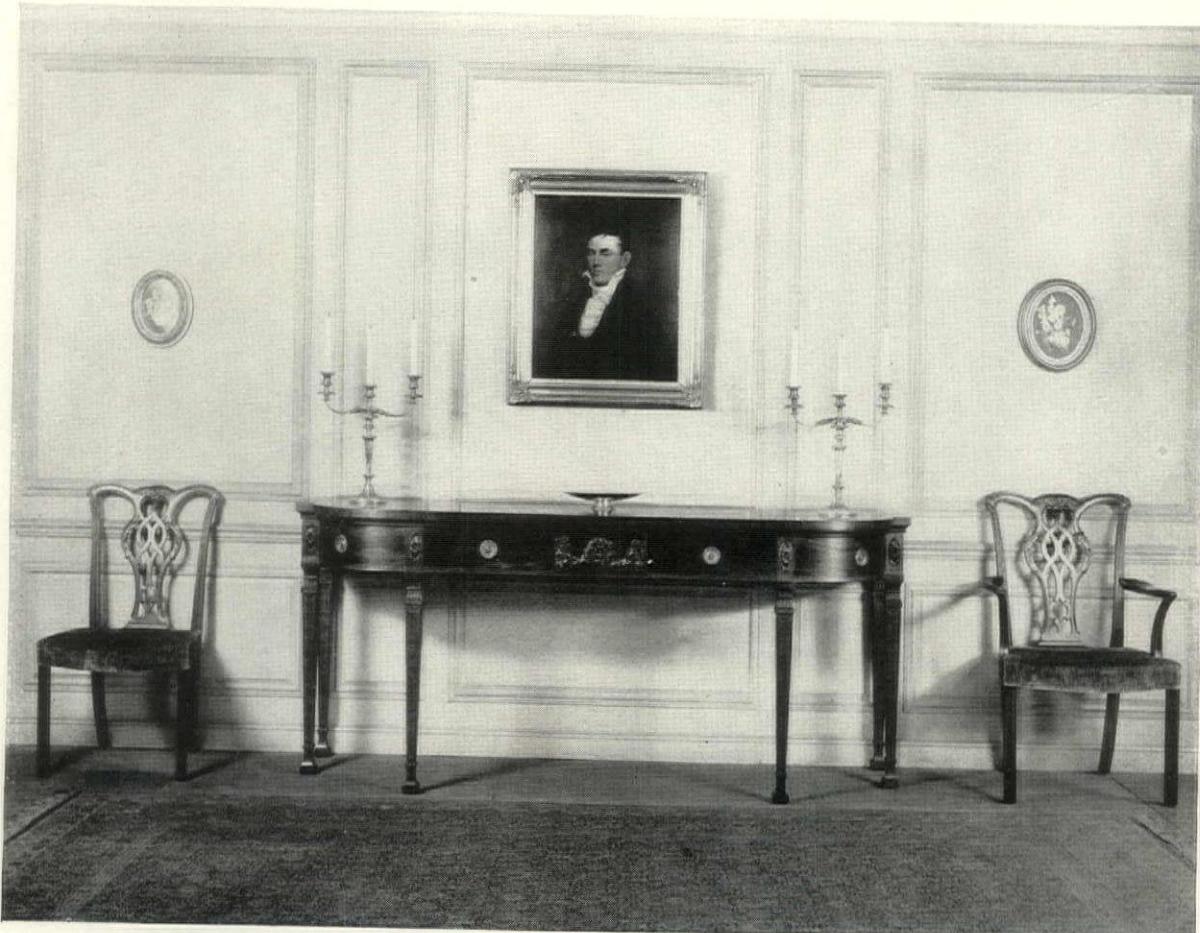
# NEW DODGE SENIOR



*The Sedan (wire wheels extra)*

# KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART  
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK



GEORGIAN MAHOGANY SIDEBOARD WITH CHIPPENDALE CHAIRS, by KENSINGTON

## The Dignity and Quiet Elegance of the Georgian Style— Perfectly Reflected in Kensington Reproductions

THE passing of the Baroque and Rococo styles, by which the Renaissance movement was submerged, was marked in England by a return to the classic under the influence of the architects, the Brothers Adam, shortly after the middle of the 18th Century. An example of the early work of this period is seen in the magnificent sideboard in our illustration, flanked by the chairs of Chippendale whose extraordinary individual ability triumphed over the difficulties of an inferior style.

In every detail of design and execution this piece repre-

sents the highest expression of present day craftsmanship and may be compared only with the work of the 18th Century English masters when the art of cabinet-making reached its apogee. In it are perfectly reflected the dignity and quiet elegance of the Georgian style that make it pre-eminently the choice for the important dining room.

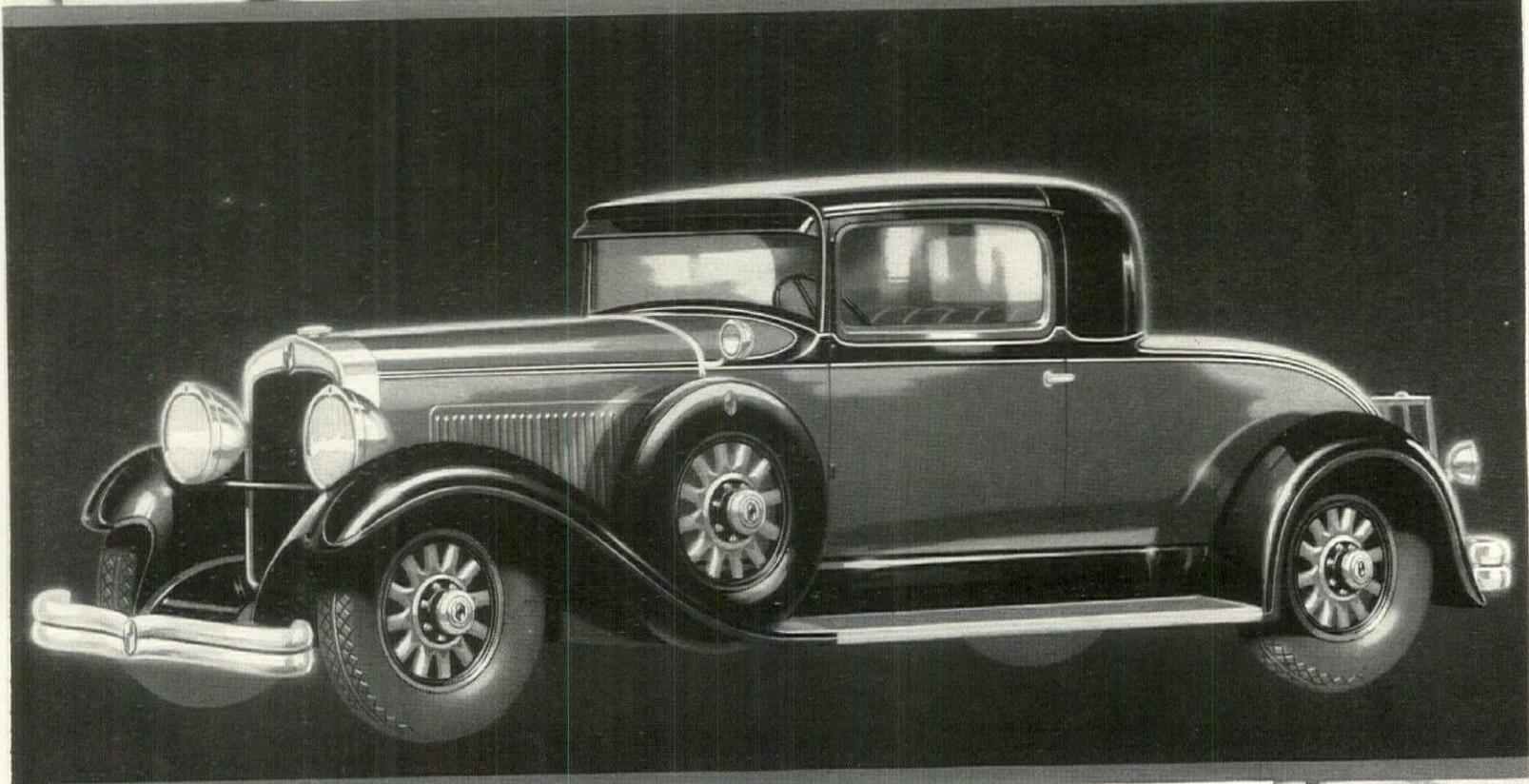
The same sincerity in design and equal quality in craftsmanship characterize all Kensington Furniture; and Kensington Furniture is made in all the decorative styles appropriate for American homes.

*The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer*

**KENSINGTON MFG COMPANY**  
 MANUFACTURERS  
 DECORATIVE FURNITURE  
 NEW YORK

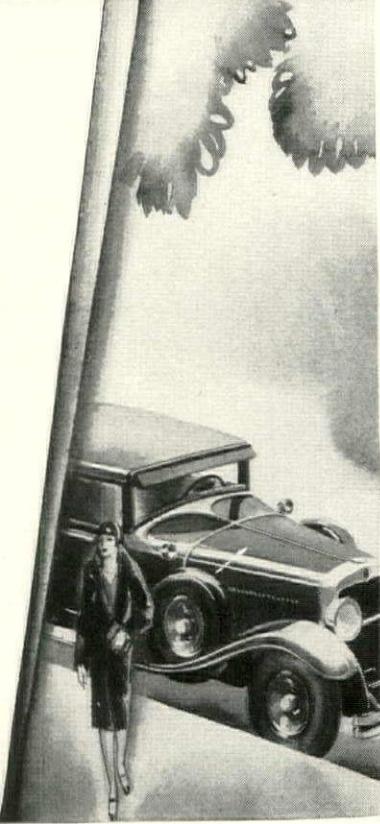
*Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"*

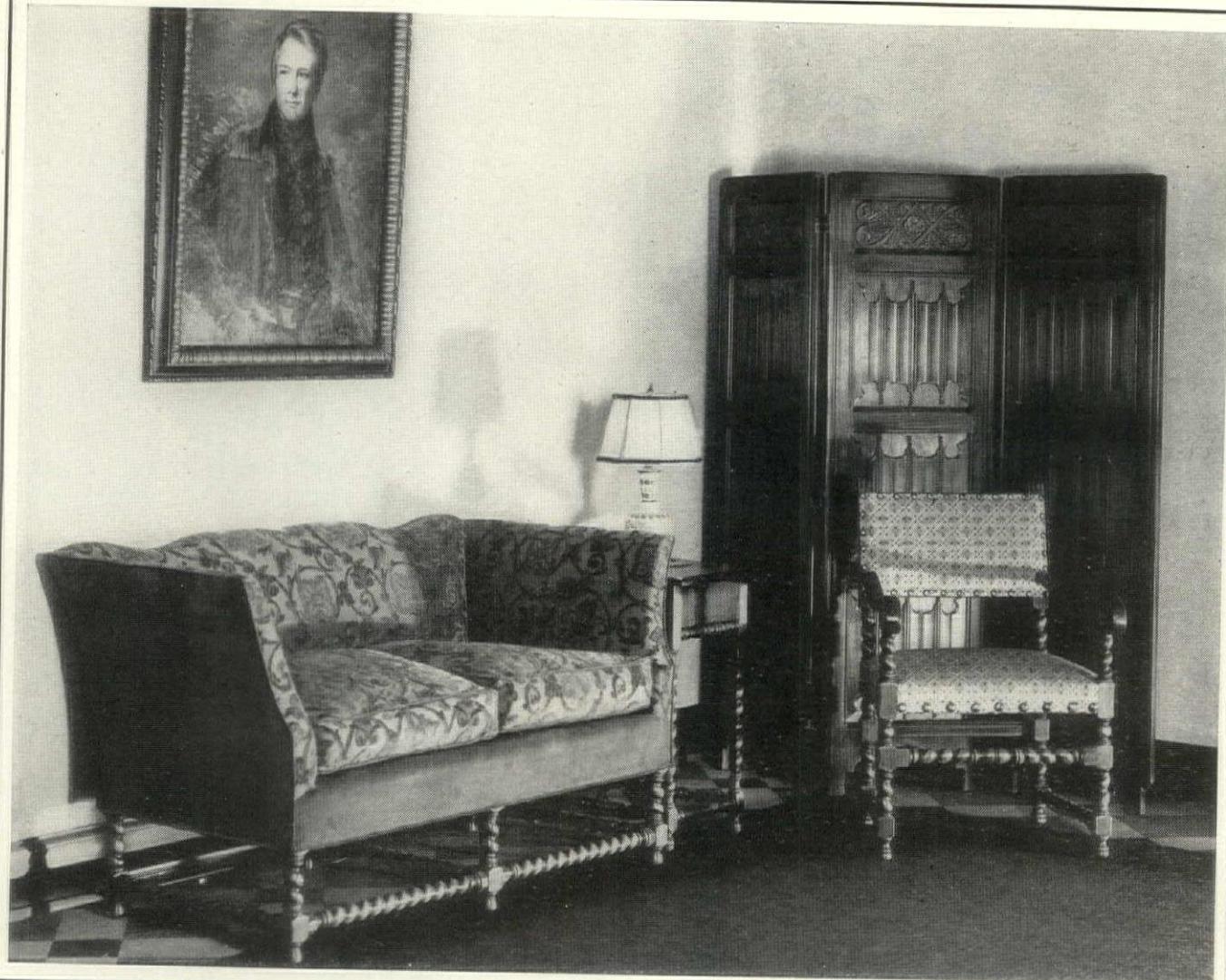
SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR



THERE is a finer touch to the operation and control of the new Nash "400." Perfect confidence, even in severe traffic, is yours. Nash brakes stop the car comfortably, instantly. Gears shift smoothly, noiselessly. Clutch pedal yields to the lightest pressure. You've never driven an easier car to steer and park. Drive the new "400," and then you will know that, here indeed, is the *World's easiest car to drive.*

NASH LEADS THE WORLD IN MOTOR CAR VALUE





© 1929, Kittinger Company

## *How can I make my own living-room more inviting?*

**A** RECURRING problem is to improve your living-room. Home activities center there... comfort is essential. Friends and guests assemble there... dignity and charm are necessary.

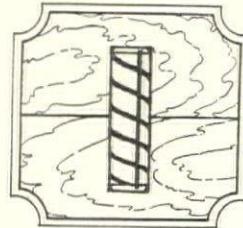
Do you wonder why you tire of your living-room?... feel the urge for some noticeable change? Look to your furniture. Nearly every early American home had pieces, sometimes of heirloom value, always in good taste, and always gratifying.

In Kittinger Furniture today

We Are Opening  
New Showrooms in  
New York City and  
Los Angeles

Now you may see in these displays the many Kittinger distinctive reproductions. In New York City, about March 1st, at 205 East 42d St.; in Los Angeles at factory on Goodrich Blvd., corner of Union Pacific Avenue, about April 1st.

Purchases may be arranged through your dealer or decorator.



*Why a Dowel?*

*Kittinger Distinctive Furniture is made only of solid woods with scrupulous attention to details and thoroughly sound construction. The use of special grooved maple dowel pins, thoroughly glued and then squeezed in place under pressure, gives assurance of a perfect joint—stronger than the wood itself.*

some... never need replacing. Their design is authentic... their durability and good appearance unquestioned.

Kittinger Distinctive Furniture... there are over five hundred pieces... is specially designed for practical value and reasonable cost in furnishing every room in the home.

The unusual value of Kittinger Distinctive Furniture lies not only in the design but in the practice of using only solid woods... American Walnut, Honduras Mahogany, Oak and a few in Maple, with hand-carvings and superior lacquer finish.

*You will be interested in the several booklets on Kittinger Distinctive Furniture for Home, Club, Hotel, or Executive Office. A copy with names of dealers in your locality will be sent on request. Kittinger Company, Dept. 46, Elmwood Ave., Buffalo, N.Y.*



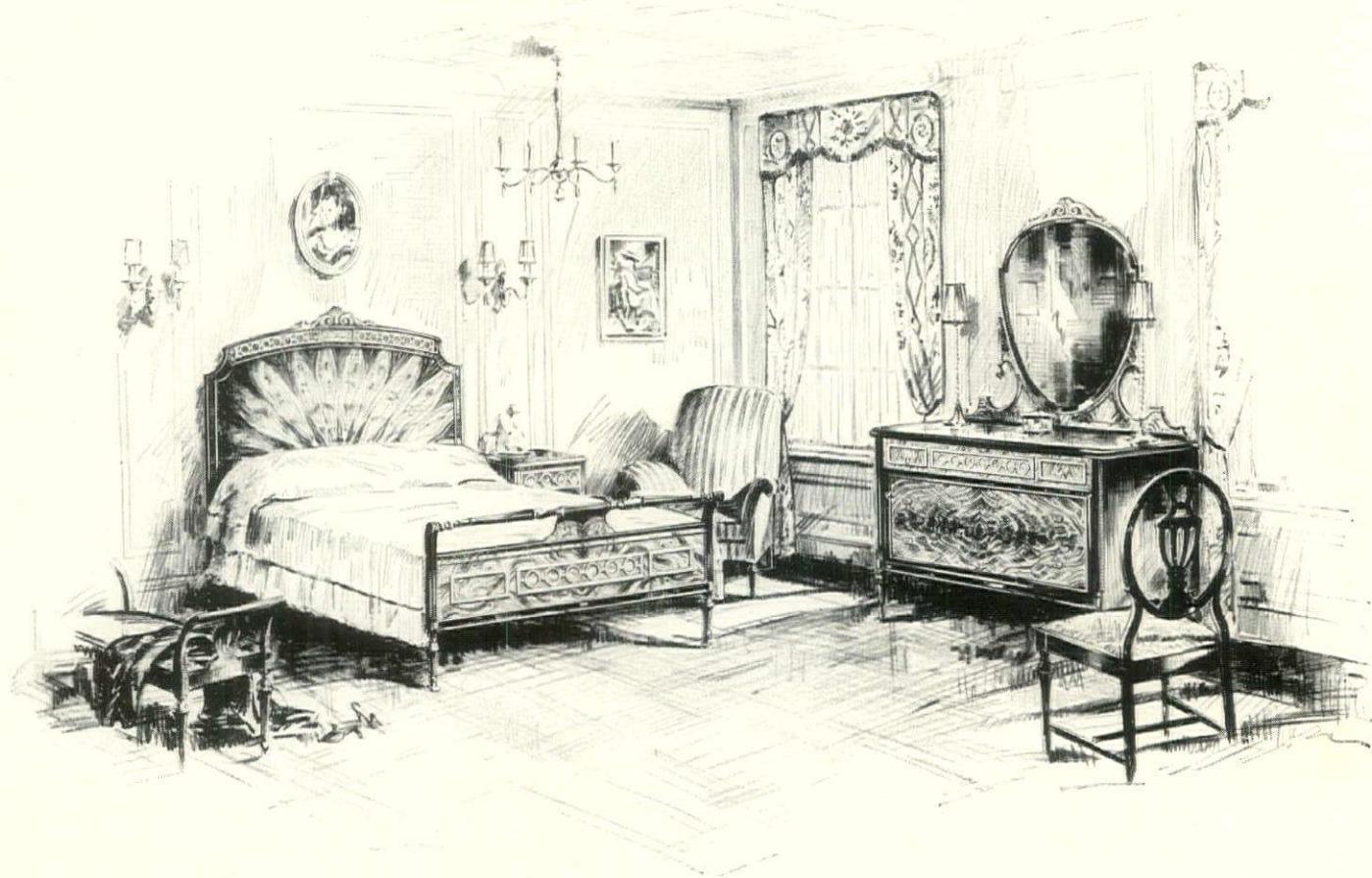
# KITTINGER

*Distinctive Furniture*

To Harmonize with this Lovely  
SHEFFIELD SUITE  
*This Exquisite Bedroom Arranged for You by*

THE STUDIOS OF STERLING & WELCH, CLEVELAND, OHIO

NUMBER TWO OF A SERIES OF ROOM INTERIORS BY AMERICA'S FOREMOST DECORATORS



The Sheffield Suite now displayed by leading furniture dealers everywhere.

The selection of the Sheffield, from a varied and splendid assortment of Berkey & Gay bedroom suites, by the Sterling & Welch Studios shows that furniture styles and beauty are now well within the means of the average family.

This charming suite is Heppelwhite in style. The unusual beauty of the highly appropriate woods, and their new and modern handling, together with a soft, luxurious finish, lend it particular distinction. Beautiful carved overlays and hand matched woods are employed liberally. Special features of convenience are present, such as partitioned trays for jewelry; and the toilet table contains a plate glass tray for cosmetics. Features which are typical of the details and appointments found in all Berkey & Gay suites. Altogether, this strikingly beautiful

suite is a splendid example of Berkey & Gay style and workmanship, for more than three generations the criterion of furniture style in America. Visit your leading furniture store and view

this beautiful Sheffield Suite. Look at other selections of Berkey & Gay suites; watch your dealers advertising for further important announcements. Berkey & Gay suites are priced from \$200 to \$6000.

DETAILS OF THE STERLING & WELCH BEDROOM

As an appropriate setting for this suite, the Sterling and Welch Studios suggest an ivory background with soft green and rose colors predominating. The floor is entirely covered with a seamless carpet in a soft shade of gray green. The ceiling and walls are painted light ivory; the panel molding is ivory with a slight cream glaze. The glass curtains are of a figured net, linen colored.

The lambrequins and hangings are waterproof cretonne with a rose tone floral pattern. The upholstered chair is covered with a striped green silk; the bench and small chair seat are covered with a small figured linen frieze in softened tones of coral and green. The center ceiling lights and side brackets are silver with glass candle cuts and drops; the silk shades are rose colored.

The bedspread is green taffeta with piping and edging of rose.

Interesting, helpful room details and suggestions by leading authorities fill the "Furniture Style Book." A new chapter on Art Moderne Furniture and Decorations is now included. Endorsed by leading decorators. Send for the Furniture Style Book. Price, fifty cents—stamps or coin.

# Berkey & Gay Furniture

BERKEY & GAY FURNITURE COMPANY, GRAND RAPIDS, MICHIGAN: FOUNDED 1853  
NEW YORK: WHOLESALE SHOWROOM, 115 WEST 40th STREET

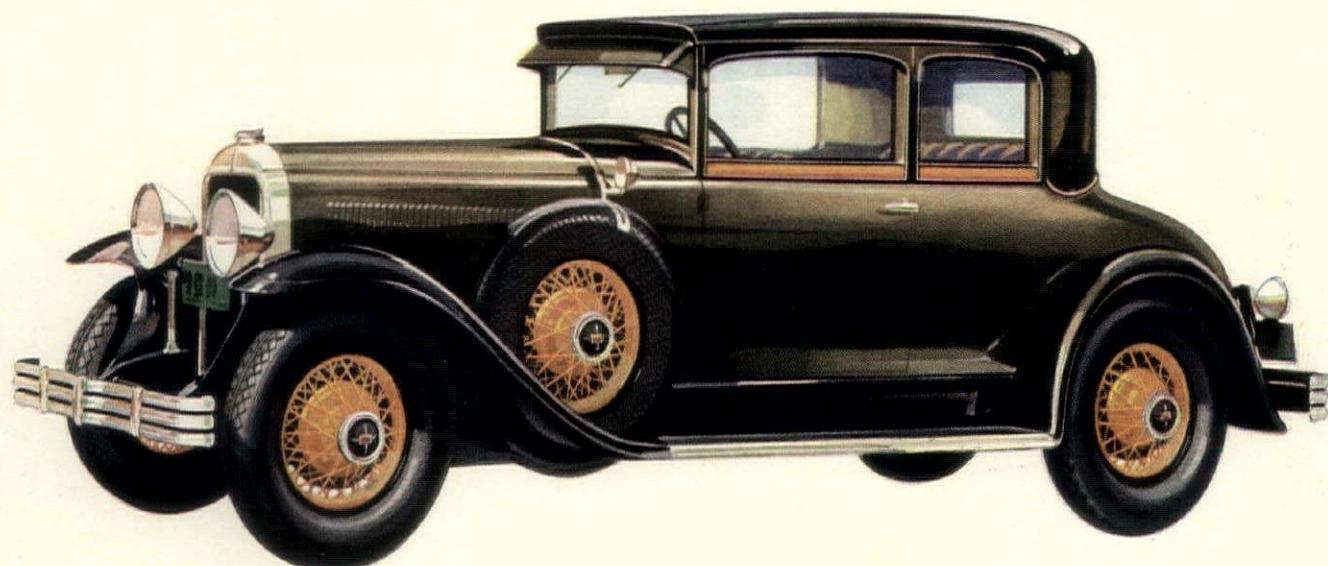


Furniture's Proudest Coat-of-Arms. Inset in every Berkey & Gay piece--your protection when buying--your pride ever after.



*"Pay as much as you will—no car  
will pay you more—nor serve you  
better nor longer than a Buick!"*

Dollars are for delight. To spend them grudgingly, or prodigally, is to defeat their purpose. To invest them in a Buick is to purchase maximum motoring delight—the topmost degree of style, beauty, comfort, performance—without paying a single dollar premium . . . That is what makes Buick the standard of motor car value. That is what makes it the outstanding choice of discerning men and women everywhere.



# BUICK

WHEN BETTER AUTOMOBILES ARE BUILT . . . BUICK WILL BUILD THEM

# **WALLPAPER.. approved expression of modern taste in home decoration**

**F**REE yourself this Spring from the drab tyranny of plain walls. For one-color surfaces are hopelessly *passé*. Wallpaper, with fresh new moods in line and color, is the mode decreed. Metropolitan decorators, social leaders, specialists in home modernisation, all sponsor this gladly-welcomed vogue. Any woman can give her home the smart modern touch with wall-

paper! "How to Modernise Your Home with Wallpaper" is a helpful book rich in stimulating suggestion. Lavishly illustrated in nineteen colors. A generous selection of actual wallpaper samples is included. If sold through stores the book would cost a dollar or more. We will send you both book and papers *for twenty-five cents*. Use the coupon at the foot of this page.



**Send for this book today!**

*Wallpaper Manufacturers' Association  
461 Eighth Avenue, New York City*

Enclosed is 25¢ for which send me your new book illustrated in nineteen colors, "How to Modernise Your Home with Wallpaper." Send also a liberal selection of actual wallpaper samples.

Name.....

Street and No. ....

City..... State.....

H. G. 3-29



Reach  
for a  
Lucky  
instead of  
a sweet.

# "An army man must keep fit - reach for a Lucky instead of a sweet"

*Robert Lee Bullard.*

Lieutenant General  
Robert Lee Bullard

"General de Braack, one of Napoleon's greatest cavalry leaders, said: 'Smoke yourself and teach your men to smoke. It will comfort you and them under the greatest strain.' One hundred years after de Braack, one million Americans fighting at the front in France and smoking Lucky Strike found it to be true. Of course, I say reach for a Lucky instead of a sweet. An army man must besides keep fit and not be overweight."

ROBERT LEE BULLARD

THE modern common sense way—reach for a Lucky instead of a fattening sweet. Everyone is doing it—men keep healthy and fit, women retain a trim figure. Lucky Strike, the finest tobaccos, skilfully blended, then toasted to develop a flavor which is a delightful alternative for that craving for fattening sweets.

Toasting frees Lucky Strike from impurities. 20,679 physicians recognize this when they say Luckies are less irritating than other cigarettes. That's why folks say: "It's good to smoke Luckies."

Note: Authorities attribute the enormous increase in Cigarette smoking to the improvement in the process of Cigarette manufacture by the application of heat. It is true that during 1928, Lucky Strike Cigarettes showed a greater increase than all other Cigarettes combined. This surely confirms the public's confidence in the superiority of Lucky Strike.

**"It's toasted"**  
No Throat Irritation-No Cough.

Coast to coast radio hook-up every Saturday night through the National Broadcasting Company's network. The Lucky Strike Dance Orchestra in "The Tunes that made Broadway, Broadway."

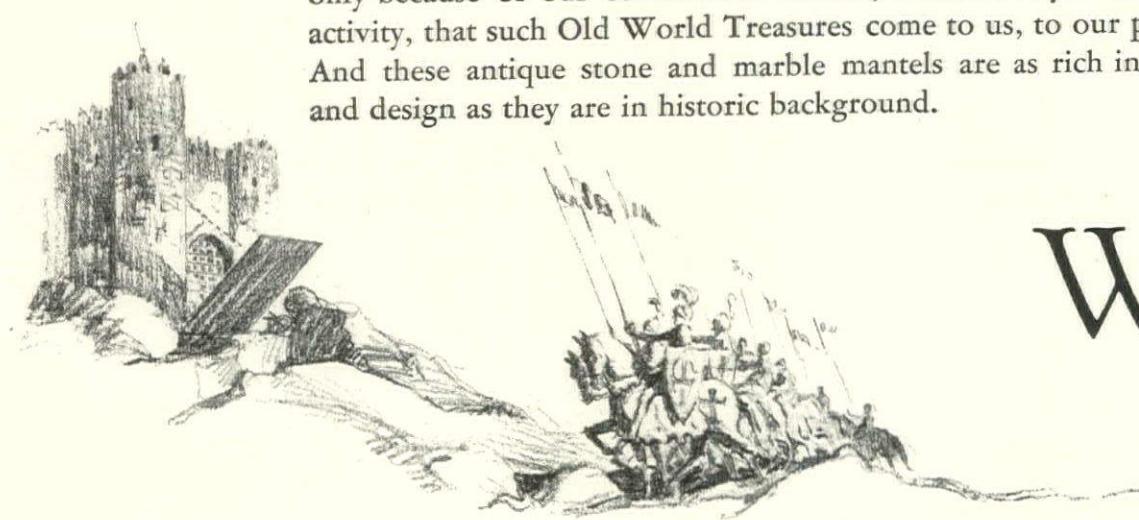


## Once upon a time—

.... and before this old mantel his last stand was made. With the courage of a lion he fought, but they were too many for him. He who had so often been the victor was now the vanquished—the gallant last of a noble line ....

History, lore and legend have descended with many of the mantels brought here from Europe by this House. Genuine antique mantels that have lived since the Middle Ages, since the Renaissance. It is only because of our connections abroad, cemented by a century of activity, that such Old World Treasures come to us, to our patrons. And these antique stone and marble mantels are as rich in beauty and design as they are in historic background.

W.M. H.



OVER A HUNDRED YEARS OF SERVICE TO THE



**T**HE Georgian Period Antique Mantel shown here was taken from an old mansion built in 1735 in Great Marlborough Street, London. Price \$2500. Georgian Period Andirons, silver finish, to match. Price \$275 for large size, \$175 for small. If you are interested in a mantel or distinctive fireplace fixtures, in any particular period, we shall gladly submit photographs of those now available. A booklet describing our service and offerings is yours for the asking. Address us at New York—Dept. HG.

# JACKSON COMPANY

2 West 47th Street, New York  
318 North Michigan Avenue, Chicago

PROMINENT FAMILIES IN THE SOCIAL REGISTER



**V**W FURNITURE PIECES expressive of Valentine-Seaver artistry are illustrated... A love-seat of exclusive lines, covered with imported frieze fabric, most exquisite in its quality and coloring. The single, full width, down cushion and unusually low seat are suggestive of deep lounging comfort... In the chair, *modern lines* have been deftly suggested, without the *extreme flare* so commonly seen. Covering is of a rich frieze. The cushion is filled with soft, resilient down. The side panels are of beautifully grained mahogany... Valentine-Seaver furniture is, of course, for those who can tell quality without assistance from the price tag. Considering the long years of its life, the cost is of secondary importance... Better dealers everywhere feature Valentine-Seaver. If you do not know where to see it in your community, please write us.

# VALENTINE SEAVER

Valentine-Seaver Co., Division of Kroehler Mfg. Company,  
world's largest makers of upholstered furniture, Chicago, Ill.

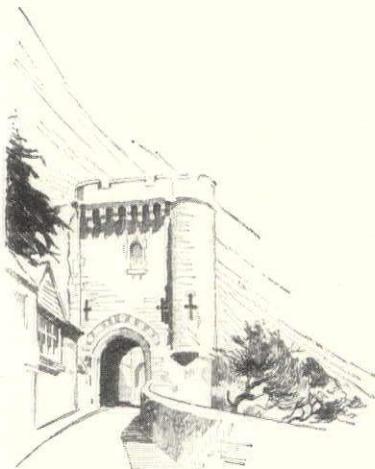
# The Greater HUDSON

*in 14 Distinguished New Body Types*



Original Copper Etching by Chas. A. Barker

*"There is a very costly car" you would say  
If you did not know the price.*



From whatever viewpoint you regard it—whether rich appearance, luxurious appointment or brilliant performance—if you did not know the price of the Greater Hudson you would say, "There is a very costly car."

\* \* \*

On the standard chassis nine models are offered—the Coach, Standard Sedan, Coupe, Roadster, Phaeton, Town Sedan, Convertible Coupe, Landau Sedan and Victoria, ranging from \$1095 to \$1500 at factory. On the long chassis there are five models—the 4-passenger Sport Phaeton, the 7-passenger Phaeton, the 5-passenger Club Sedan, the 7-passenger Sedan and the 7-passenger Limousine, with a price range from \$1850 to \$2100 at factory.

# DYNAMIQUE CREATIONS



## THE LIVING ROOM IN MODERN

The living room in modern . . . have you considered what it means with DYNAMIQUE?

It means comfort and beauty expertly blended. Little tables with happy niches for tea and cigarettes and books. Sturdy tables that follow the mood and height of your chairs—chairs where one can curl deep in comfort or expand in a long low stretch of leisure. Desks and highboys of a definite grace that will hold the treasures and mirror the certain artistry of our generation.

And the gleam of genuine wood colors polished to a warm brilliance or accented by modern damasks. Utter comfort and all the amenities of life colorfully considered . . . this is the way that DYNAMIQUE interprets your living room in modern.

Incidental pieces or complete suites at the better stores in the United States and Canada.

JOHNSON FURNITURE CO.  
JOHNSON-HANDLEY-JOHNSON COMPANY  
GRAND RAPIDS, MICHIGAN

© JOHNSON-HANDLEY-JOHNSON COMPANY, '29 REG. U. S. PAT. OFF.

# DYNAMIQUE CREATIONS





The world's finest automobile, the new Duesenberg, has 265 horsepower. Its entire construction is proportionately strong, thereby insuring greatest safety, endurance and absolute dominion. It excels equally in every other respect.

Chassis \$8,500

DUESENBERG, INC., INDIANAPOLIS, INDIANA



Baby needs more heat



Outdoorsman John  
insists on less...



*than You or I desire!*

## Everybody's Snug...with **FINGER-TOUCH CONTROL**

The last slight fault in heating systems has been mastered. Today, for your next home you are invited to select the system that provides each room with *heat on tap*. The system that delivers locally to each room as much or as little heat as is required, with no effect on the temperature of other rooms. The system that automatically adjusts itself to your hour-to-hour need for heat.

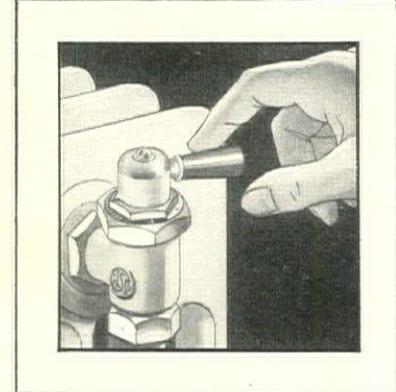
We offer you Hoffman Controlled Heat, guaranteed in writing, for many years. Whether you prefer coal, oil or gas as fuel —no matter what standard boiler and radiators you select—you can add the almost magic equipment that makes it a Hoffman Controlled Heat system.

Hoffman Controlled Heat means finger-touch control. The action of the *entire system* centers on the pressure of your finger on the lever handles of the radiator

valves. A finger touch commands each radiator to give off full heat, three-quarters heat, half heat, one-quarter heat or none at all. The response is rapid.

Only as the call for heat increases does the supply of steam accumulate. Thus there is no waste. With Hoffman Controlled Heat, even great sky-scrappers are luxuriously heated with a mere pound of pressure. Homes require only ounces. Fuel costs are drastically low, where ounces do the work of pounds, even in zero weather.

Thousands who contemplate building new homes will want to know all about this latest great step ahead in the science of heating. A post card brings you our new interesting booklet in which you will find all the astonishing facts. Address Hoffman Specialty Company, Inc., Dept. H-14 Waterbury, Connecticut, for your copy.



You've seen "finger-touch" control in fine apartment buildings, hospitals, etc. In your new home, you can have this same luxury—with Hoffman Controlled Heat.

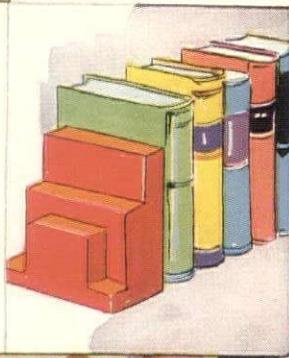


# HOFFMAN CONTROLLED HEAT



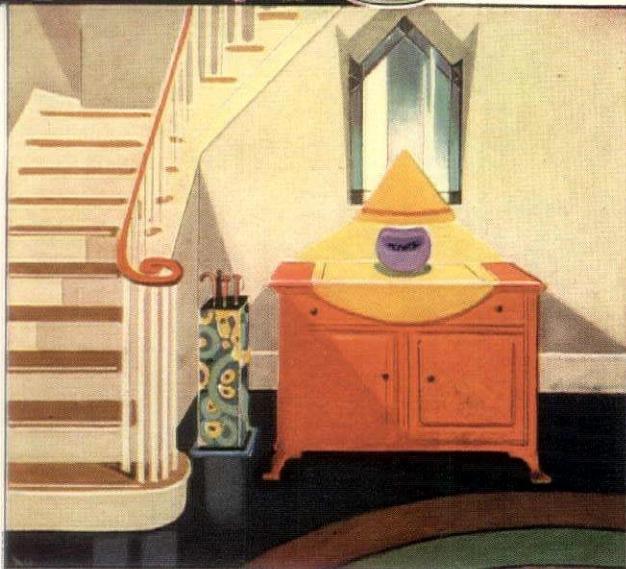
MARVELOUS effects can be achieved with Artlac on glass, tin, chima or parchment.

UNPAINTED furniture departments offer you a wealth of possibilities when you are armed with Artlac. And what marvels you can do with the things you already have!



#### How Artlac is Different

1. Spreads with amazing ease.
2. Dries with glorious smoothness.
3. Four hours to dry. Slow enough for good workmanship. Swift enough for speedy results.
4. Comes in glass jars, from tiny ones to full quarts.
5. Lasting surface that won't chip or fade.
6. Glorious colors expertly styled by famous interior decorators, artists, stylists.



# Bring a New warmth and Gaiety to your home with

**ARTLAC**  
in  
**GLORIOUS**  
**COLORS**

FURNITURE that glows with soft, lovely color. Smooth as a cherry. Who would guess that you yourself, whatever your inexperience, could achieve such perfection? *Artlac* is the new wonder worker that makes this miracle possible.

*Artlac* goes on like cream, and levels itself without a ripple. It is dry in four short hours, long enough so that drying cannot outrun your working speed. Speedily enough to keep pace with your impatience.

And such colors . . . ! "Who is your decorator?" your friends will ask. For never before have shades so charming and so sophisticated been offered.

Leading decorators, artists, stylists, have chosen them for their beauty and smartness. They are based on the clear enduring Devoe colors with which for generations famous artists have painted their masterpieces.

You will find *Artlac* at department stores—paint, unpainted furniture and artists' materials departments.

**Send for**  
**Fascinating Booklet and Color Card**

DEVOE & RAYNOLDS COMPANY, Inc.  
Dept. H-3, 1 West 47th Street, New York City.  
Please send me free your *Artlac* Color Card and booklet "My Own Interior Decorator".

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

**ARTLAC**

# Pierce-Arrow turns another page

*and inaugurates A NEW STRAIGHT EIGHT*

Arriving at the psychological moment—when a modernly beautiful creation was really needed in the fine car field—the new straight eight by Pierce-Arrow scores a triumph even greater, if possible, than that of its most illustrious predecessors.

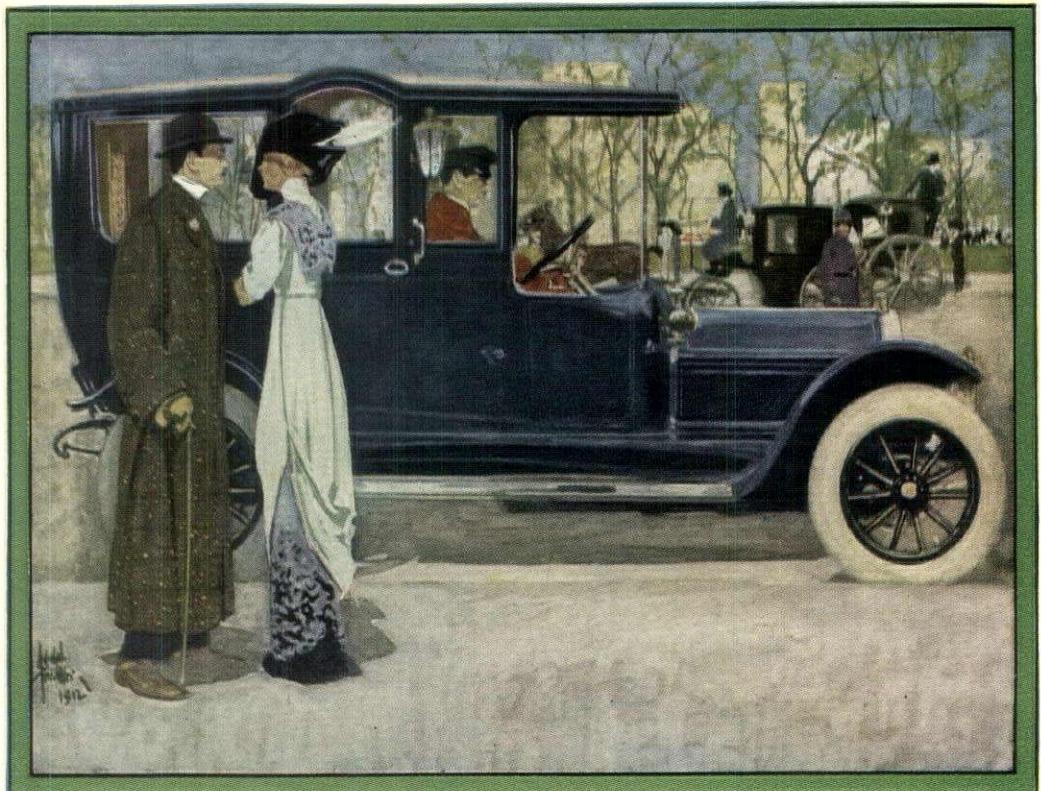
Pierce-Arrow believes that bulk and conflicting lines have too long prevailed among fine motor cars—that size no longer serves as an ex-

cuse for the ungraceful, the unwieldy.

The contention is borne out convincingly by the new straight eight—an ultramodern creation which delightfully departs from all stodgy tradition.

Not a smaller car, this latest Pierce-Arrow, but one that has vigor, grace, spirit! A beautiful silhouette against the most distinguished of backgrounds . . . *the first automobile of a new fine car era!*

*Reproduced from a painting which has hung in the Pierce-Arrow Board-room since 1912. A full decade earlier, Pierce-Arrow had established its fame as America's Finest Motor Car.*



# PIERCE

# in fine car history . . .

Today's Pierce-Arrow by Adolph Treidler who, in 1912, painted the illustration shown on the opposite page...the same artist, the same scene, the same make of car, seventeen years later.



## A STRAIGHT EIGHT by PIERCE-ARROW

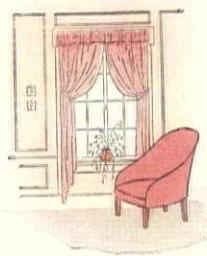
125 Horsepower Engine • 85 Miles per Hour • 133-inch and 143-inch Wheel Bases • 59½-inch Rear Tread • 72-inch Overall Height • Ample Head-room • Wide Doors • Pierce-Arrow Coachwork • Non-shatterable Glass • Fender or Bracket Headlamps optional without extra charge.

### FROM \$2775 TO \$8200, AT BUFFALO

The purchase of a car from income has been made an altogether attractive procedure by the Pierce-Arrow Finance Corporation. The average allowance on a good used car usually more than covers the initial Pierce-Arrow payment.

Pierce-Arrow mechanical detail embraces every device of proved character known to the engineering of fine motor cars

# ARROW



## A new vogue in distinctive walls and ceilings

*Another Upson Achievement . . . . .  
Relief Treatments that give all the  
dignity and distinction of modeled  
plaster . . . at a fraction of its cost.*

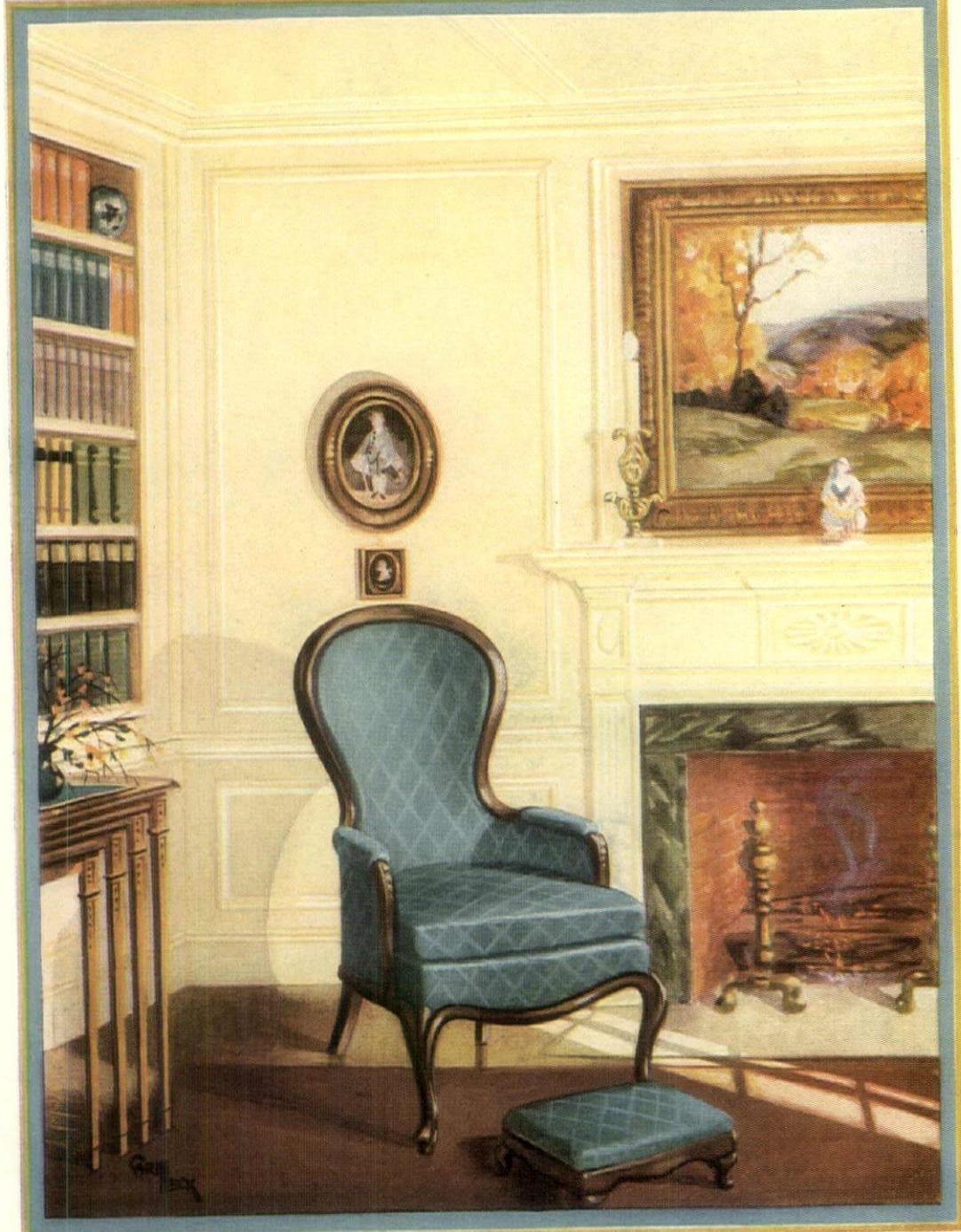
**W**HAT does your home say to your friends? Does it reflect your pride—your personality? Does it fairly suggest your prosperity? Consciously or unconsciously, we judge the man by the exterior and the woman by the interior of the home.

Cracked walls or ceilings may unjustly suggest lack of self-respect, niggardliness, or even straitened finances. For walls and ceilings are the keynote of every home—the background for furnishings.

### Ceilings are decorative opportunities!

This new, aristocratic "Relief Treatment" brings within the reach of all, the beauty of modeled plaster—a type of decoration hitherto available only to the wealthy—even more to be desired than paneling!

We will gladly furnish detailed suggestions which good carpenters can follow. Upson Relief Treatments are available in a wide variety of interesting designs for every room in the house—from kitchen, through living room to attic!



### SPRAWLING, CRAWLING CRACKS BANISHED FOREVER!

*By Upsonizing, unsightly walls and ceilings—too oft neglected—may be easily renewed and beautified.  
No longer need any room in the house be a source of constant embarrassment and apology.*

### Nothing better than Upson Board for ceilings

Upsonized ceilings are permanent as well as characterful! Certified tests prove that Upson Board and Upson Fibre-Tile excel in resistance to jars, blows, heat, cold, moisture—even ordinary leaks—as compared with needlessly heavy and brittle boards.

You'll like Upson Board! You will be enthusiastic over this new vogue of decoration, just as are hundreds of discriminating home-lovers who were also eager to acquire the new and beautiful in their homes.

You will want to learn more of the beauty that the new Upson Relief Treatment may bring to your home—whether for a single ceiling or all through the house. You will also want to know about Upson Fibre-Tile, which builds washable tile-like walls at about 1/10th the cost of ceramic tile.

*We invite you to mail this  
coupon for full details*

THE UPSON COMPANY, 318 Upson Pt., Lockport, N.Y.

Enclosed find 10 cents for samples of Upson Board and Upson Fiber-Tile, literature describing the new Upson Method of Relief Paneling, folders showing how Upson Fibre-Tile builds colorful kitchens and bath, and details of your new Decorative Service. I am interested in

New Ceilings     Office Use     Kitchen or Bath



Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

© 1929, The Upson Company, Lockport, New York

# UPSON BOARD

# A N U N U S U A L L Y F I N E R E S I D E N C E

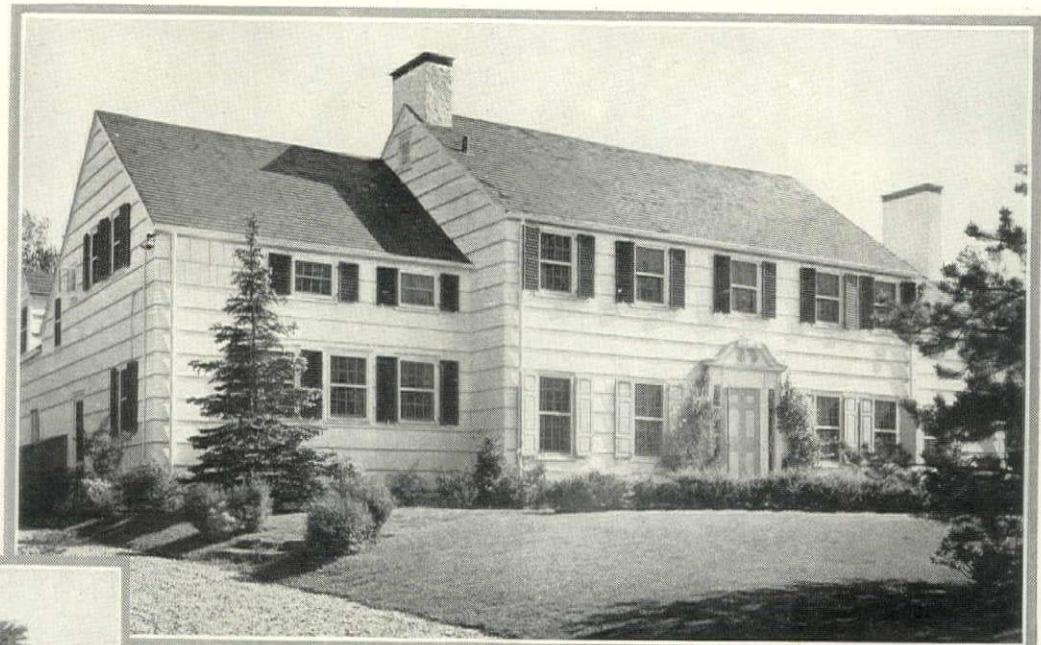


*With a beauty of line accentuated by a clever and interesting  
use of Creo-Dipt Stained Shingles*

**T**HE architect of this interesting Bronxville, New York, house, Lewis Bowman, has given careful study to even the smallest detail.

The flat, white expanse of Dixie White Creo-Dipt Stained Shingles on the side walls is just enough relieved by the vertical shingle lines to prevent the entire effect from becoming monotonous. The roof harmonizes in shades of blackish brown that will become even more attractive as they weather and age.

Such striking results as this have had a large share in making Creo-Dipts increasingly popular with the country's leading architects—men who demand something entirely away from the commonplace.



(Above) Sidewalls of this interesting Bronxville, N. Y., residence are 24" Dixie White Creo-Dipt Stained Shingles, laid double to give the effect of one inch butt shingles. The outside course overlaps the under course about half an inch, producing deep, attractive shadow lines.

(At left) Rear view of the Bartlett residence. This picture cannot do justice to the roof, which is deep brown, almost black in its intensity of color.



**N**OT only are Creo-Dipts found on so many new homes, but recently many of the really fine historical places of the east have been preserved to posterity with Creo-Dipt Stained Shingles laid right over the old siding—in many cases right over the old roof. Because of the wide choice of Creo-Dipt colors it is possible to select color tones that disturb none of the aged dignity of these interesting old places.

To the architect or owner planning really fine work, there is a real reason for insisting upon genuine Creo-Dipt Stained Shingles. Ordinary shingles are merely dipped into the stain.

Creo-Dipt Stained Shingles are *stained under pressure*—submerged into heated, agitated stain, while compressed air forces preserving oils and colors into each shingle.

As a result Creo-Dipt colors last longer and require much less upkeep. And, of course, all Creo-Dipts are made only from selected, straight-grained cedar, so they must always lie flat and smooth.



(Above) Details of the entrance, showing the pains-taking care the architect has given each part of the house. Creo-Dipt Dixie White, used on this house, is the only Creo-Dipt color that requires brush coating after laying.

**I**F your present home is the least bit shabby, or you plan to build, we suggest you mail the coupon and let us send you photographs of other interesting Creo-Dipt results—both on old and new homes—and a color chart showing the wide choice of Creo-Dipt colors.

Or, ask your architect, builder or lumber dealers about the new Pressure Stained Creo-Dipts; leading lumber dealers everywhere carry them in stock, for 20 years, building authorities have recommended genuine Creo-Dipts and endorsed them. Look for *Creo-Dipt* in your phone book.

Creo-Dipt Company, Inc., 1431 Oliver Street, North Tonawanda, N. Y. In Canada: Creo-Dipt Company, Ltd., 1610 Royal Bank Bldg., Toronto. Sales Offices in principal cities.

## CREO-DIPT Stained Shingles

### STAINED UNDER PRESSURE

Creo-Dipt Co., Inc., 1431 Oliver Street, No. Tonawanda, N. Y.  
In Canada: Creo-Dipt Co., Ltd., 1610 Royal Bank Bldg., Toronto.

Enclosed find 25¢ for portfolio of large-size photographs of new Creo-Dipt homes by leading architects, old homes so beautified, booklet of color suggestions, and name of local Creo-Dipt dealer, who will recommend a reliable carpenter-contractor. (Outside U. S. or Canada: please send 50¢ in money order or international stamps.) Check below use that interests you

Covering old side-walls    Building new    Re-roofing

Name.....

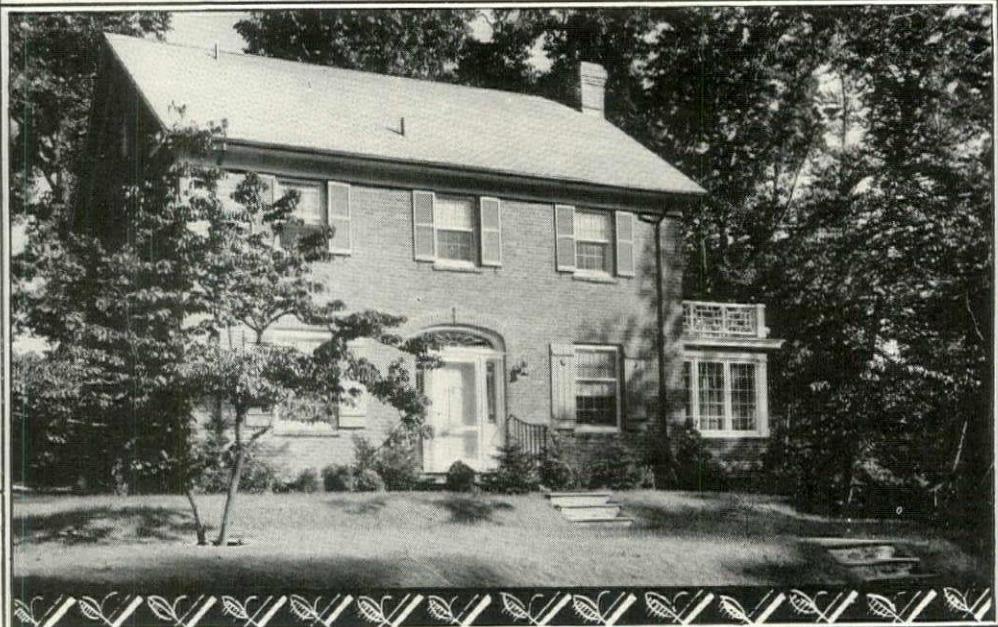
Address.....



Here are four reasons for building a good house . . . Catherine and Mary O'Donnell are leaving for school. Patty and Jack are still stay-at-homes.

At right: The house of Mr. & Mrs. J. J. O'Donnell at Mt. Vernon, N. Y. . . It is a fine example of Colonial brickwork. Architect, Frank Kronfeld; Builder, Gramatan Homes, Inc.

# Built to Keep 4 Children Happy . . .



## • • Built to Keep out "The Shadow of Rust"

**M**R. J. J. O'Donnell has recently built a new home. Both he and Mrs. O'Donnell and Catherine, Mary, Patty—even Jack (though it shouldn't make much difference to him) are very happy with it . . .

"Our first home was in Pelham," says Mrs. O'Donnell. "When we moved in, we knew very little about the worries of owning a home, and as for rust causing us endless trouble—it never even occurred to us. But we soon found out.

"First we noticed that the water pressure was growing weaker. Soon we couldn't draw water in the bathroom if a faucet was open in the kitchen or laundry. Of course, although we didn't realize it at the time, rust was gradually clogging the pipes. Then we began to notice that the water was tinged with a reddish brown color that grew worse and worse until it reached a point where we just couldn't get the children's things nice and white. And I never had clear, sparkling water to serve at table . . .

"Then one day one of the pipes started to leak . . . my beautifully tinted ceilings—all splotched with ugly brown stains! And soon brown streaks began to appear on the walls . . . well—I don't think that I'm over-critical, but I just couldn't keep house with rusty water.

"By that time, the children were growing up and we needed a larger house. This time we knew all about rust. We had reason to. And you may be certain that we took every precaution to make our present home thoroughly and completely and forever proof against rust—inside and out.

"It was vital that the children have pure, clear water—and plenty of it—always. We made inquiries about brass pipe and decided to have Anaconda Brass installed because our architect and plumbing contractor recommended it. Our hot water boiler is copper—and it's a good one. Our roof has beautiful copper-clad shingles, and the gutters, rain-pipes and flashings are made of Anaconda Copper . . .

# ANACONDA COPPER

*"The Shadow of Rust"* comes—certainly and inevitably to the house that is built with rustable metals. It makes trouble and costs money. You can free yourself—once and for all—from this Shadow by building with Anaconda Copper and Brass. They cannot rust.



"In the old house, these rusted out in no time, and after every heavy rain the sides of the house would be streaked with rust."

"Our hardware is all solid brass and the screens are made of strong, rust-proof Anaconda Bronze Wire."

"It didn't cost as much to rust-proof our home as we expected. If necessary, we certainly would have saved the money in some other way... Our experience taught us that the last place to cut costs is in the plumbing, hardware and metal work. That would be false economy."

MRS. J. J. O'DONNELL

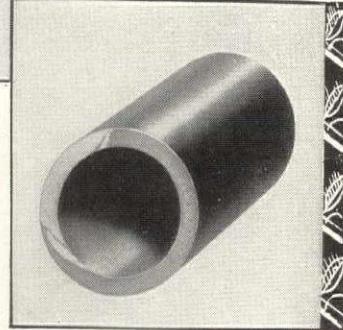
Every Anaconda product is fully guaranteed by the world's largest manufacturer of copper, brass and bronze. A single organization, with more than a hundred years' experience, is responsible for every process from mine to consumer.

For your protection every length of Anaconda Brass Pipe is stamped "Anaconda"—as is every sheet of Anaconda Copper.



Above: After 130 years the copper flashings, leaders and gutters in a beautiful Colonial home near Philadelphia are still in excellent condition!

At right: Brass pipe installed twenty-seven years ago in the Ten Eyck Hotel, Albany, N. Y., and ripped out to change the location of fixtures, was re-used in the same building. Brass pipe cannot rust.



#### Send for these Vital Facts on Home Building and Home Buying

To those interested in acquiring new homes or remodeling their present homes, The American Brass Company offers "The Home Owner's Fact Book," by Roger Whitman, an eminent building economist. This book is not restricted to rust-proofing but deals with important facts, often overlooked, concerning the planning, financing and maintenance costs of the home. It will be sent upon receipt of twenty-five cents to cover mailing costs. The booklet, "Rust-Proofed," containing informative data on the advantages and economies of rust-proofing the home inside and out, will be mailed free upon request. Address: The American Brass Company, Dept. 907, Waterbury, Connecticut.

#### *A comparison, looking years ahead*

"How can rust affect my house?"... To answer this important question the chart below has been prepared. It shows—fact for fact—what happens in a house where rustable materials have been used, compared with a house that is proof against rust... These facts have been gathered from actual, thorough investigation... (The figures quoted in the chart apply to the average \$15,000 house.)

##### Rustable Water Pipe

Low initial cost.

Iron or steel pipe rusts.

Water from rusty pipe is disagreeable for drinking; stains laundry.

Rusty deposits clog up the pipe; reduce flow of water; slow up washing and bathing.

Pipe leaks caused by rust may flood house or cellar. May damage ceiling, walls or furniture.

Rust-clogged pipe has to be repaired or replaced.

Higher eventual cost—due to repairs and replacements.

Rusted pipe is a disadvantage in selling the house.

##### Anaconda Brass Pipe

Slightly higher initial cost.

Brass pipe can't rust.

Water from Brass pipe always flows clear, fresh, sparkling. No rust stains.

No rust-clogging. Pipe always clear. Water always at full pressure, upstairs and down.

No leaks from rusting! No damages from flooding. No worry over hidden rust trouble!

No expense for rust-repairs or rust-replacements. Ever!

Substantial saving (about \$430 during the first 14 years).

Anaconda Brass Pipe gives the house higher resale value.

##### Rustable Gutters & Rainpipes

Low initial cost.

Because they are constantly exposed to weather, they rust quickly.

Water seeping through rust-holes may cause damage to house.

Replacement necessary after five to eight years, or even sooner.

Higher eventual cost—due to repairs and replacements.

##### Anaconda Copper Rainpipes

Slightly higher initial cost.

Copper gutters, rainpipes and flashings can't rust—no matter how many years they are exposed.

No rust-holes; consequently no damage from seeping water.

No rust-replacement ever necessary with copper.

Substantial saving (about \$335 during the first 14 years).

# AND BRASS Can't Rust

# The Stamp of Culture

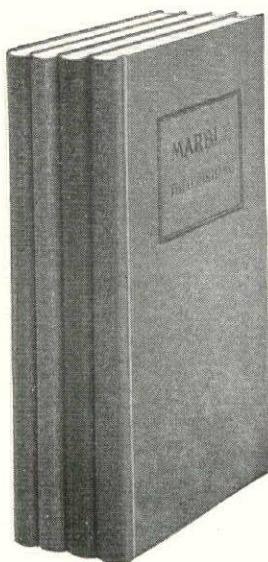
MARBLE, the aristocrat of building materials, places the stamp of culture on home and garden—whether used lavishly in the mansion or sparingly in the cottage.

Employed for staircase, floor, bath, mantelpiece, shelf, radiator top, lamp base, or kitchen table top—or in statue, pergola, fountain, sundial or bench . . . wherever used, in fact . . .

Marble the inimitable, marble the luxurious, marble the colorful, marble the beautiful, marble the practicable and marble the *economical* . . .

*Always registers favorably in the minds of people who appreciate the better things in life—those whose taste suggests individuality, character, refinement and atmosphere.*

*There is No Substitute for Marble*



We have just published a series of books giving valuable facts and interesting suggestions about the use of marble in various kinds of buildings, including home and garden treatments.

Write us, naming the type of marble work you are interested in, and a copy of the book covering that subject will be sent you immediately—without charge, of course. Address Department 6-N.

NATIONAL ASSOCIATION OF MARBLE DEALERS  
ROCKEFELLER BUILDING - CLEVELAND, OHIO

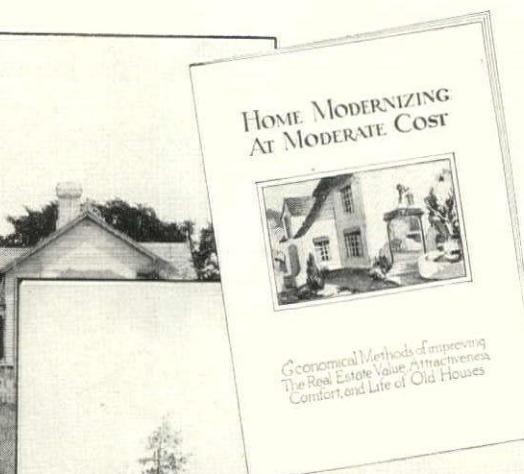


Marble in floor, stairs and benches lends a distinctive note to this Dallas residence.

# There's hidden treasure IN YOUR OLD HOME



(above) This solidly built but unattractive old house was worth little more than the ground it stood on. And its unpleasing appearance constantly tended to lower neighborhood real estate values. Then its owner modernized it. See the right-hand picture.



(right) Here is the same house after modernizing in the popular Mediterranean style with STEELTEX for stucco overcoating. At moderate cost it gained the beauty, dignity, and attractiveness of the most modern home. Its real estate value was immediately enormously increased.

**I**F YOU have an old home that you've wished was like the new, modern houses you admire, you can gratify your wish—at a very small cost. Today it's easy to modernize almost any home. Have that extra room, sleeping porch, or sun porch. It means not only added comfort, convenience, and pride—a few hundred dollars spent for remodeling, if wisely used, is sure to create an astounding increase in the value of your property.

How great that increase may be, was told recently by C. Stanley Taylor, nationally known architect and building economist. Mr. Taylor is Director of Research for *Architectural Forum*, *Building Age*, *Country Life*, and a number of other publications in the building field.

He says: "I have known cases where remodeling at a moderate cost tripled the value of a house. Of course it is not always possible to add so much; but it is safe to say that a well-planned and well-built remodeling job, with modern building materials, always adds at least double its own cost to the resale value."

### New overcoats for old houses

One of the easiest changes you can make is to cover your home with beautiful stucco, as was done in the example illustrated above. Yet as you see from the picture, nothing is so likely to improve the appearance, and to increase the value far beyond the cost of the

change. STEELTEX has made stucco overcoating one of the most satisfactory alterations that can be made to a house.

STEELTEX can be nailed right over the old clapboards or shingles as a base for stucco. To use STEELTEX is to embed in the stucco a network of steel that can withstand strains at the rate of 78,000 pounds per square inch of steel. STEELTEX not only guards the stucco, but it strengthens the whole framework of the house with rigid steel.

Moreover, STEELTEX has a double, waterproofed backing which provides damp-proofing, insulation, and sound-deadening. It makes rooms warmer in winter, cooler in summer, quiet and restful the year round. Perhaps your home is draughty and hard to heat. The tough backing will mean greater comfort, smaller fuel bills.

### Every remodeling feature is covered in this free book

Whether or not you plan to remodel this year, send for free book, *Home Modernizing at Moderate Cost*. It illustrates various remodeling ideas for your home, with photographs and remodeling suggestions for actual homes, big and little, in the attractive Colonial, English, and Mediterranean styles now so much in vogue. Each suggestion gives itemized costs, and resale valuations by experts.

This Free book tells you how to find it

This free book, in addition, saves you annoying mistakes. Its complete check lists cover every feature from cellar to ridgepole affected by remodeling. By checking your plans with these lists you make certain that nothing has been overlooked when you modernize.

The coupon below brings you this book. Send for it today. It will reveal to you some of the possibilities easily within your reach through the use of beautiful and durable stucco reinforced with STEELTEX.

National Steel Fabric Company

Division of  
**Pittsburgh Steel Co.**

3303 Union Trust Bldg. Pittsburgh, Penna.  
World's largest manufacturers of welded steel fabric

**STEELTEX**  
FOUR TYPES—SAME PRINCIPLE  
SAME PROTECTION

for plaster . . for stucco . . for floors and  
roofs (concrete and gypsum)  
for stone or brick facing

National Steel Fabric Co., 3303 Union Trust Bldg.  
Pittsburgh, Penna.

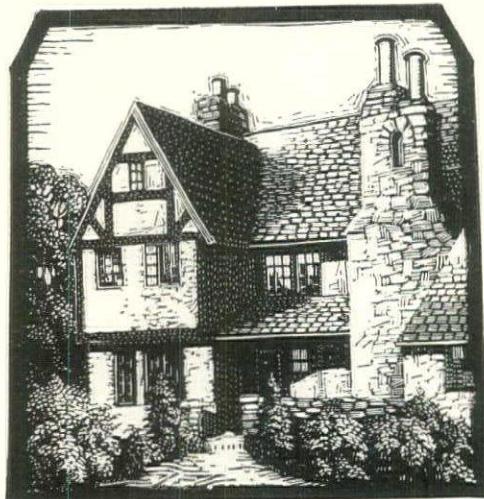
Send me a free copy of *Home Modernizing at Moderate Cost*.

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_





## PUT THIS AGE-LASTING BARRIER BETWEEN RUST AND YOUR HOME

THERE is a way to be certain that the pipe you install will give generations of service — at moderate cost. There is a way to insure yourself against expensive pipe replacements that mar the beauty of your home.

That way is to insist on genuine, time-tested *puddled wrought iron pipe*.

For, in puddled wrought iron, each innermost fiber of the metal is protected by a rust-proof barrier of silicious slag. Kneading of the hot, pure iron in the furnace distributes this slag evenly and uniformly, leaving no loophole for destructive corrosion.

All Reading Pipe is genuine puddled wrought iron, made by the time-tested process. Your guarantees of pipe dependability and long life are the Reading name and the spiral knurl mark cut into every piece of Reading Pipe.

*Look for the Reading spiral knurl mark—  
then you will know you are getting time-  
tested, genuine puddled wrought iron pipe.*



# READING PIPE

GENUINE PUDDLED WROUGHT IRON

READING IRON COMPANY, Reading, Pennsylvania

Atlanta  
Baltimore  
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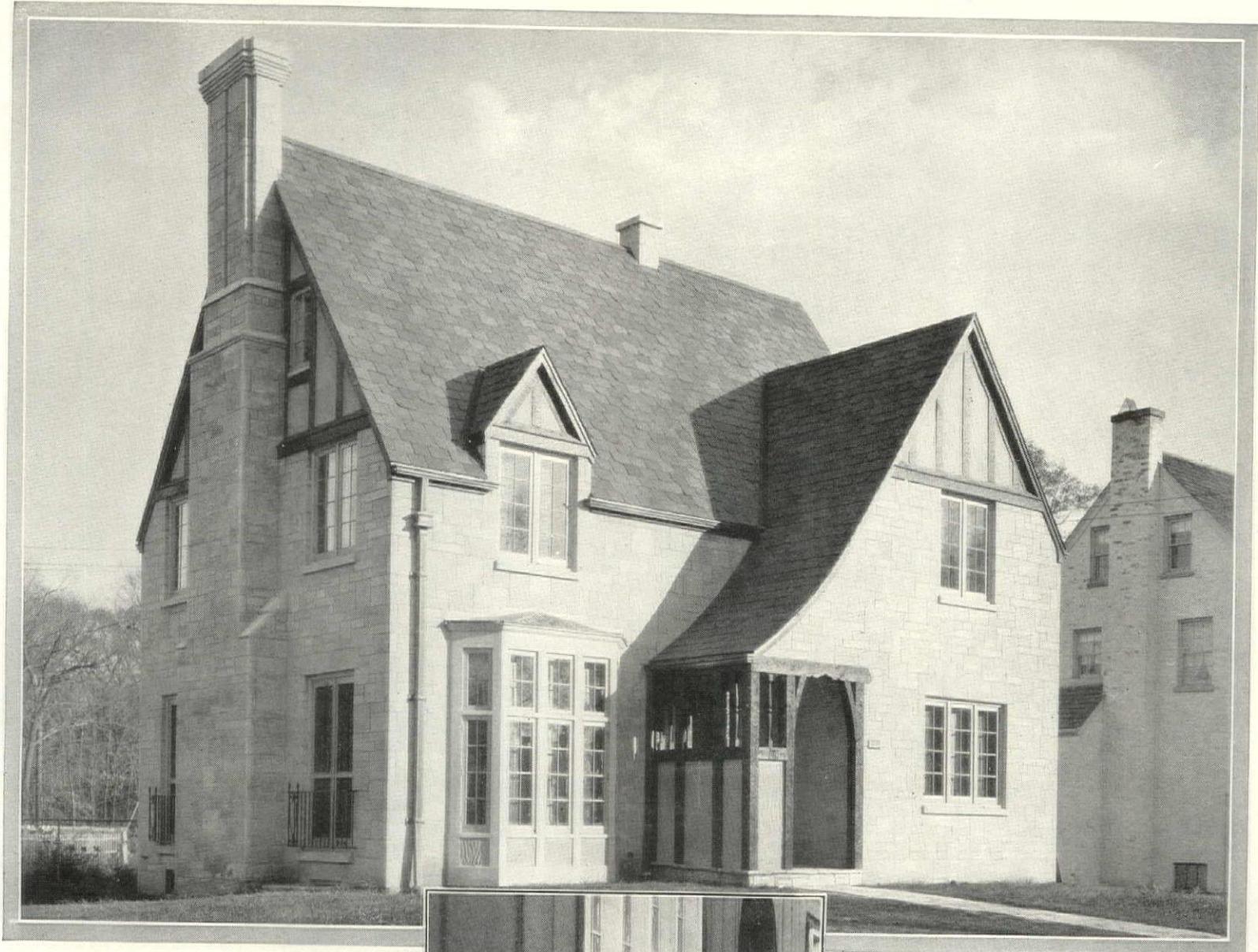
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San Francisco

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Philadelphia

# This new way of using Stone



Reduces costs...makes Indiana Limestone practicable for any sort of residence construction.

Write for full information.

INDIANA Limestone is the stone you see in modern office buildings ... the finest churches and collegiate structures. Now a new method of preparing, handling and using this beautiful natural building material makes it entirely practicable also for moderate cost residences.

For only 5% to 6% more, you can build of Indiana Limestone and thus have a home far beyond the ordinary in beauty, permanence, low upkeep cost and re-sale value.

Indiana Limestone is used both as a facing over brick or hollow tile; or as a veneer over wood stud frame. The stone is sawed in our quarries into strips four inches thick. These are shipped to the building site. There the mason's helper with the aid of an electric Carborundum saw or ordinary hand-saw breaks them into lengths. The stone facing is then built up either by stone-masons or bricklayers.



*This photograph shows how Indiana Limestone is now used as a veneer facing, the same as brick, stucco or wood.*

The more expensive cut stone is used for trim only. Or it may be omitted entirely. No carefully prepared drawings are necessary. Our free booklet will show you

Residence, Evanston, Ill. Stanley Peterson, Architect. Built of Variegated Indiana Limestone Random Ashlar.

examples of houses built this way. Many interesting variations in the use of stone in this manner are possible.

#### Write for booklet

We'll gladly send you full information about the use of Indiana Limestone Random Ashlar for residences. Just ask for our booklet on the convenient coupon below.



Box 750, Service Bureau,  
Indiana Limestone Company, Bedford, Ind.

Please send booklet and complete information about Indiana Limestone Random Ashlar for residences.

Name.....

Street.....

City..... State.....

# GAPING DOORS that won't stay shut

*How to  
prevent that  
annoyance in your  
NEXT home*

OVERLOOK this one fact in your planning and you may find that in your brand new home you are putting up with the same old door troubles you had hoped to move away from.

The cause of sticking doors and of doors that won't stay shut is rarely "the house settling" or "careless hanging." More frequently the fault is in the doors themselves. They absorb moisture in damp weather, swell tight against the frame. Drying out in summer, they shrink, often warping badly, besides. And the locks don't catch.

Annoyance. The expense of repairs. In your new home, fortunately, both can be avoided.



*In brand new homes, the doors so often cause annoyance—refuse to stay closed—or stick stubbornly. To avoid these troubles in the house you're planning, see that "Laminex doors" are specified "throughout."*

For doors have been created that positively will not swell or shrink or warp. An achievement of the largest door manufacturers in the world, they are labeled "Laminex." On their base you'll find a full guarantee against the faults common to ordinary doors.

In lovely designs, Laminex doors are available throughout the United States, and at a cost so reasonable that the difference on all

the doors in a six-room house will amount to only three or four dollars.

To be sure you will get Laminex trouble-proof doors, tell the architect or builder before the specifications are written. If you would like to see a free sample of Laminex wood and wish to know which of the progressive mill-work and lumber dealers in your city can supply you, mail the coupon below.

## LAMINEX DOORS

*Will not Swell, Shrink, or Warp*

THE WHEELER, OSGOOD COMPANY,  
Dept. A-39, Tacoma, Washington.

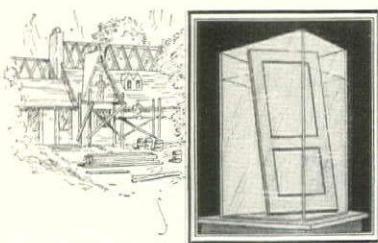
Please send me a free sample of Laminex, illustrated literature, and the name of a local dealer.

NAME.....

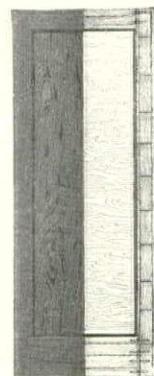
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CITY..... STATE.....

I am a:  
 Home Owner  
 Architect  
 Contractor  
 Dealer  
 Realtor



*Amazing proof that dampness cannot make a Laminex door warp, split, or come apart. These door soaking tests have been held in scores of cities.*



*How a Laminex door is built—of blocks that counteract each other's tendency to warp—and both welded and moisture-proofed with famous Laminex cement to prevent swelling*

*Another Advance  
in Leadership*

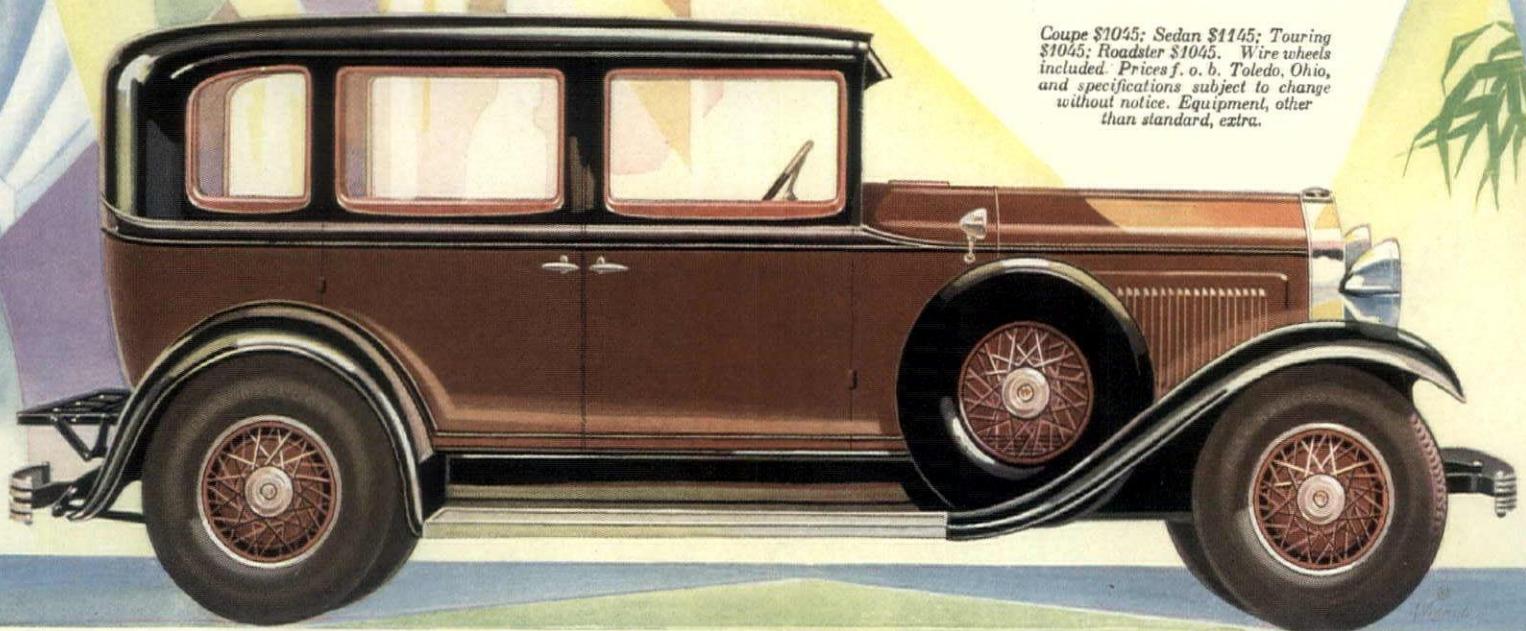
*The New*

**WILLYS-KNIGHT  
SIX**

**COACH**

**\$1045**

Coupe \$1045; Sedan \$1145; Touring  
\$1045; Roadster \$1045. Wire wheels  
included. Prices f. o. b. Toledo, Ohio,  
and specifications subject to change  
without notice. Equipment, other  
than standard, extra.



**The most beautiful, largest and most powerful  
Knight-engined car ever offered at such low prices**

THROUGH quantity production, improved manufacturing and merchandising methods, and volume sales, it is now possible to present the largest, most stylish and most powerful Willys-Knight Six ever offered at so low a price—a value that breaks through the cost barrier!

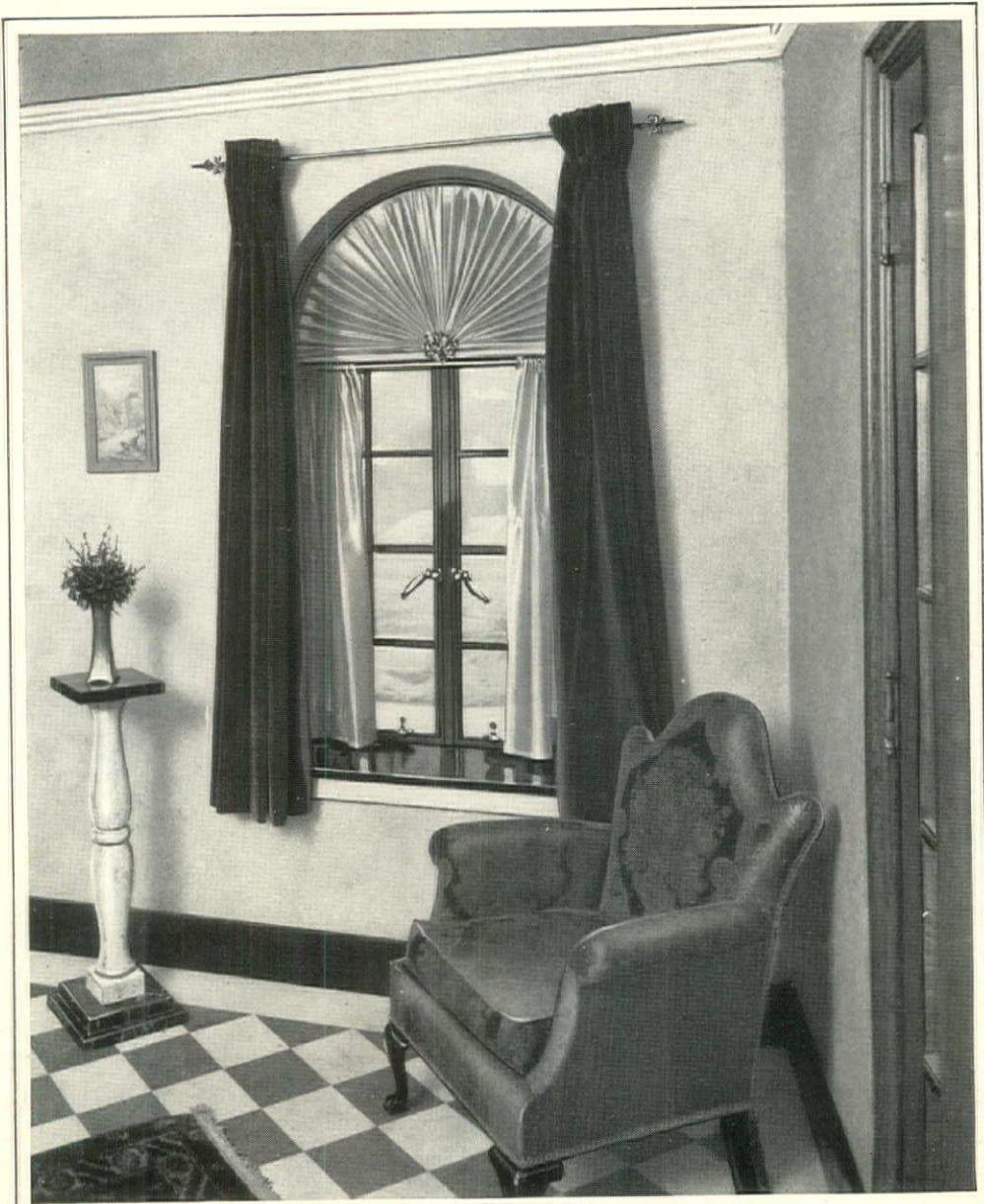
Fashioned to the minute, the new Willys-Knight Six is distinguished by sweep and verve of line, harmony of color, perfect symmetry and proportion that make it the outstanding creation of today's style specialists.

And of course, the new Willys-Knight Six

is notable for the velvet smoothness, silent power, rugged stamina, sustained high speed, flashing activity, marked economy and increasing efficiency which have won for the patented double sleeve-valve engine its high regard with America's most experienced motorists.

Visit your nearest Willys-Overland dealer and see the new Willys-Knight Six. Your first glance will reveal its beauty of design. An inspection will reveal a wealth of tasteful appointments. A demonstration will simplify the problem of deciding what car your next one shall be. *And the low price will win your instant decision.*

**WILLYS - OVERLAND, INC., TOLEDO, OHIO  
WILLYS-OVERLAND SALES CO., LTD., TORONTO, CANADA**



## New Decorative Beauty in Windows

Stanwin Casements—the new windows by Crittall—afford smart, distinctive interiors for the modern home. The entire scheme of decoration shares in their inherent beauty—and in addition they are especially adaptable to artistic draping and curtain arrangements. Such effects are simply achieved and doubly attractive.

Stanwin Casements offer other features too, which enhance the comfort of a home. The protection of weather-tightness during

stormy seasons—the convenience of windows that open smoothly every time and are easily screened and cleaned—are some of their practical, year-around advantages.

And as the cost of Stanwin Casements is low, their use is economical. Our catalog which will be sent on request describes them fully. Write for your copy today.

CRITTALL CASEMENT WINDOW COMPANY  
10963 Hern Avenue Detroit, Michigan

Stanwin Casements  
Norman Casements  
Universal Casements

**CRITTALL**  
**CASEMENT WINDOW CO.**  
**DETROIT, MICHIGAN.**

Warehouse stocks at all central points. An opportunity is offered to a limited number of dealers.

# A beautiful roof with unusual protection

*For use over old roofs + For new buildings*

Color, color, everywhere—and for everything! We are living in a day of color, and Genasco Latite Shingles are in keeping with the times and make a colorful roof. The roof in the illustration shows one of the many charming color combinations secured by the use of four different colors of Genasco Latite Shingles—red, green, blue-black, and Mix-Tone. Beautiful colors—unfading colors—that never require staining or painting.

Used in combination or as a one-color roof Genasco Latite Shingles offer a choice to harmonize with the architecture and color scheme of any home. Their moderate cost makes them appropriate for cottages, bungalows, barns, garages, and yet they are so beautiful that they are used on the finest homes.

Besides having lasting beauty, Genasco Latite Shingles also possess unusual durability. Not only are they made of tough, long-fibred asphalt-saturated rag felt, but they are also coated on both sides with Trinidad Lake Asphalt Cement which is manufactured from that wonder of nature—

Trinidad Lake Asphalt. Only Genasco Shingles are waterproofed with this material, and its weather-resisting qualities seal the saturant in the shingles and prevent them from drying out.

Genasco Latite Shingles make a roof that is storm-tight, fire-retardant, long-lasting, and economical. And there's an extra economy in re-roofing the Genasco way—right over the worn-out shingles. You avoid all the dirt and expense of ripping off the old roof—and it serves as additional insulation, making your home warmer in winter and cooler in summer. And if you are planning to build a new home, it will pay you to find out about Genasco Latite Shingles, for their many advantages are readily apparent.

Send us the coupon today for full information, and we will also tell you the name of the nearest concern which will give you an estimate of cost for roofing or re-roofing with Genasco Latite Shingles.

The Barber Asphalt Company

New York  
Pittsburgh

Philadelphia

St. Louis Kansas City

Chicago  
San Francisco



LATITE  
Reg. U.S. Pat. Off.



THE front views of the Genasco Latite Shingles show the attractive non-fading colors. The back view shows the patented "key"—invisible on the completed roof—that locks each shingle tightly to those underneath, and makes Genasco Latite particularly adapted for laying over worn-out shingles. The turned-under corner makes a double-thick butt that adds distinction.



New homes for old

Used over your present siding or stucco, Genasco Latite Shingles add new, enduring beauty to your home. You save the cost of painting every few years, and your home is better protected.



# Genasco

Latite Shingles

The Barber Asphalt Company, Philadelphia

Please send us, without obligation, full information about Genasco Latite Shingles, and name of the nearest concern to give me an estimate of cost for roofing or re-roofing my home.

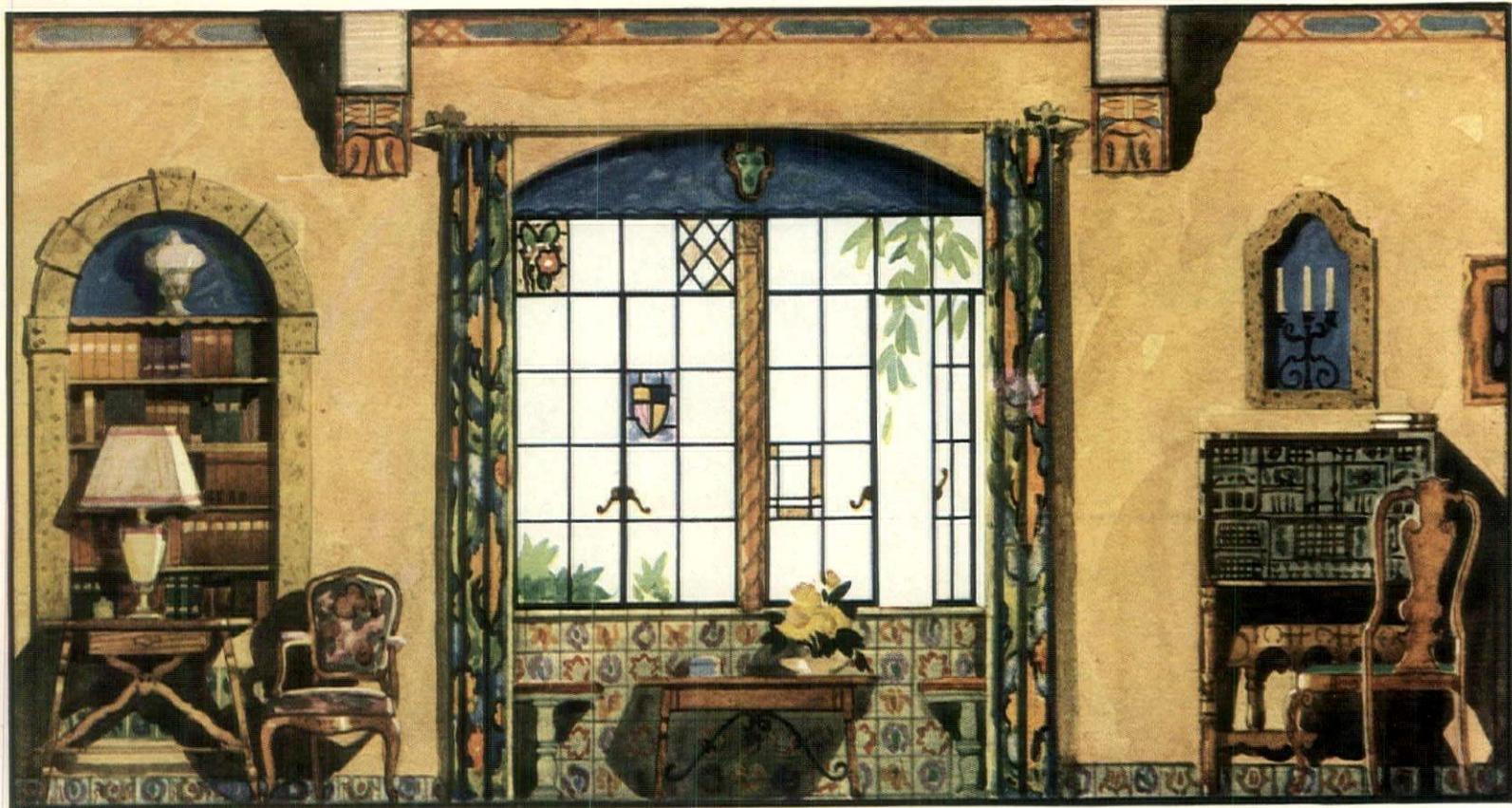
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Address.....

H. G. 3.

# New York Galleries

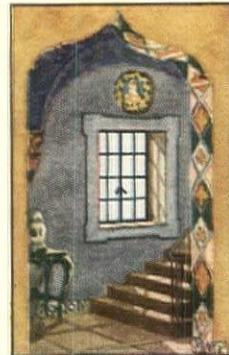
## plan a colorful Spanish library around Fenestra Steel Casements



JOHN MATTHEWS HATTON, ARCHITECT. NEW YORK GALLERIES, INC., DECORATORS

PICTURESQUELY recessed, many-paned Fenestra Casements make this room different from the old-fashioned somber library. "These windows, beautifully adapted to houses of Mediterranean architecture, are the inspiration for the colorful Spanish decorating scheme," says the decorator at the nationally known New York Galleries.

"Because they suggest the glamour of old Seville, they are curtained in slim folds of printed linen that might have adorned an Infanta's palace. The casements are recessed beneath a plaster arch with a twisted column



between. Leaded panes—in rondel, shield, diamond and rectangular patterns add touches of color to the windows. The wall beneath the casements, including the sill itself, is covered with Spanish tiles.

Looking out of the library. No other type of window offers such interesting decorative possibilities—such distinction—and yet such supreme comfort and convenience. For little, if any, more than the cost of ordinary windows, they give more light; better control of ventilation; easy washing from within the house; protection for draperies with inside screens. At the touch of a finger, they open wide to pleasant

weather. Yet they close tight against cold and storm without warping, sticking or rattling.

Fenestra Steel Windows may be had in a wide variety of types and sizes—from practical Basement Windows to smart casement styles for every room. They are equally suitable for almost every variety of architecture.

### Suggestions You Will Find Worth Using

Noted decorators have helped us prepare an attractive book of interiors, "Decorating With Casements." It is filled with fascinating ideas that you can work out in your own home at very little cost. A copy of this helpful book will be sent you free on request. Just fill out, clip and mail the coupon today.

DETROIT STEEL PRODUCTS COMPANY  
2256 East Grand Boulevard, DETROIT, MICHIGAN  
Gentlemen:

Please send me a copy of your new book,  
"Decorating with Casements." Without obligation.

My Name.....

Street No. ....

City. .... State. ....



They open at a finger touch.



Easily washed from the inside.



Open wide for 100% ventilation.

# Fenestra

## steel casement windows

# Quiet! Amid the Roar of New York

PEOPLE SLEEP WELL in this great new hotel, the luxurious Sherry-Netherlands. One of the greatest of its luxuries is *quiet*. Its partitions are sound-proofed with Cabot's Quilt, the time-tested insulation against noise, cold and heat which is installed in so many of the newest, most perfectly constructed hotels, apartments, private houses and office buildings in New York.

Noise is nerve-wracking, wherever it exists. Even in the country, the hooting of motor horns, the scream of brakes on a hill or a curve, the shriek of a locomotive whistle or steam siren, may very quickly make you nervous and ill unless you ask your architect and builder to shut out such noises with Cabot's Quilt.



*Portland, Oregon*

COUNTRY HOUSES in old time were uncomfortable, because people had no idea of sanitation or *insulation* either. Now you can be healthy and comfortable in any part of this country. Like the great new hotels in New York, the best-designed and most modern country houses all over the United States and Canada are proof against both climate and noise—they are insulated with



## Cabot's

Sound-Deadening Heat-Insulating

## Quilt

NEARLY FORTY YEARS AGO, Samuel Cabot of Boston stood on a North Atlantic beach and saw a limitless supply of *Zostera Marina*, an ocean plant. He found that the forefathers, two hundred years before, had packed the walls of their houses with it to keep out the cold.

After subjecting this plant to laboratory tests, Mr. Cabot found it perfectly adapted to all house-insulating needs. He invented methods of preparing the plant and designed and built machinery for quilting it between long rolls of best Grade A Kraft.

Recent tests by the U. S. Bureau of Standards prove Cabot's Quilt the most efficient insulator in common use—far more efficient, because it is soft, elastic and fluffy, than any rigid wall-board can be. It discourages fire, too, for it is composed mainly of unburnable silica, instead of carbon (as in land plants).



*Pasadena, California*

EVERY MODERN FAMILY should know what Cabot's Quilt, and the other Cabot Building Specialties, can do to reduce first costs, and also upkeep, of the home. Send for free book. You will have an interesting evening reading it; you will learn how to increase the comfort and beauty of your home, and you will save money.

*Clip this coupon, or write to*

*Samuel Cabot*  
Inc.  
**BOSTON**

*Please send me full information about  
Cabot's Quilt  
for insulation and sound-deadening*

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ADDRESS \_\_\_\_\_

HG-3-29

REAL GAS FOR HOMES BEYOND THE GAS MAINS



# "I am delighted with Pyrofax Gas

*Could not get along without it. It is wonderful."* Mrs. W—, Ohio

WOULDN'T you be just as enthusiastic as the woman who writes this letter to us, if you could have a splendid new gas range in your kitchen, even though you live miles and miles from a city gas main? Certainly you would, particularly if it were one of the most modern of ranges, perhaps one enameled in pleasant color, one fitted with a heat regulator to cook and bake perfectly without your attention. You can have such a range and actual gas to cook with no matter where you live—with Pyrofax.

Pyrofax is real gas stored in steel cylinders—each cylinder with enough gas to serve an average family two to three months. A large national organization markets Pyrofax and maintains

## CONVENIENT TERMS

A small down payment  
enables you to start cooking  
with gas at once.  
Spread the balance over  
a full year, if you like. Pyrofax equipment,  
including the gas range of your  
choice and complete installation, is  
surprisingly low priced.

AS LITTLE AS  
**\$37.50**  
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a delivery service from hundreds of stations to thousands of users—to homes and schools and institutions everywhere in suburbs and country districts that do not have city gas.

We know that you will be interested in the handsome gas ranges that every Pyrofax dealer can show you. There are models in immaculate white and gleaming nickel, or in the charming new

color combinations—modern ranges, every one, with every up-to-the-minute feature. Surely, these days every woman, no matter where she lives, deserves the comfort and convenience of so essential a thing as a modern range. You can have the kind of gas range you like most—and a real gas cooking service—for a small initial payment. And the balance of the price of range and gas can be extended over a year's easy payments if you like.

Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced. May we send you some of the very interesting literature we have prepared about Pyrofax? Return the coupon.

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*Unit of Union Carbide*  *and Carbon Corporation*

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CLEVELAND—Madison Ave. and ST. LOUIS—4228 Forrest Park MINNEAPOLIS—422 Washington  
W. 117th St. Boulevard Avenue North  
CHICAGO—Peoples Gas Building TORONTO, CANADA—92 Adelaide Street West

HG-3-29

P Y R O F A X D I V I S I O N  
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(Please address office nearest you)

Please send me some of your interesting literature on  
Pyrofax and the name of the nearest dealer.

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**N**ow with Frigidaire you can regulate the speed of freezing ice cubes and desserts

THE NEW  
**COLD CONTROL**  
*offers greater convenience...  
 utmost simplicity*

Today Frigidaire offers a new and far-reaching development in automatic refrigeration. Now you can regulate, at will, the temperature in the freezing compartment.

**QUICK FREEZING**

If, for any occasion, unusually quick freezing of ice cubes is desired, just set the control lever at "Colder". The temperature drops! Freezing is accomplished with much greater speed.

In the freezing of desserts, various ingredients require different temperatures for best results. The Frigidaire Cold Control enables you to set the temperatures of the freezing compartment just right for the particular dessert you are freezing.

The New Frigidaire is now equipped with the "Cold Control" without added cost to the buyer. Its adoption is in keeping with the policy that has established Frigidaire's leadership and made it the choice of more buyers than all other makes of electric refrigerators combined.

**INCREDIBLY QUIET**

Frigidaire offers dependable refrigeration... a temperature in the food compartment below 50 degrees. Frigidaire offers economical operation so that its sav-



**FRIGIDAIRE**  
 ■■■ PRODUCT OF GENERAL MOTORS ■■■

FRIGIDAIRE CORPORATION,  
 Dept. P-104, Dayton, Ohio.

Please send me copies of the Frigidaire Recipe Book  
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ings more than repay its entire cost. Frigidaire offers utmost convenience in the arrangement of food shelves...incredibly quiet operation...and a low price that could be possible only as a result of quantity production.

**MAY WE SEND YOU  
 THESE BOOKS?**

We should like to tell you more about the New Frigidaire...what it will do...the work and bother it will eliminate...the protection it offers to health. We want to give you a book of recipes for the new delicious desserts that can now be made so easily and quickly. And we want you to know how Frigidaire can be bought on the easiest of terms.

You can get the complete facts at any Frigidaire display room, or mail the coupon and we shall gladly send you copies of the recipe book and the New Frigidaire catalog. Frigidaire Corporation, Subsidiary of General Motors Corporation, Dayton, Ohio.

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## AMBLED ASBESTOS SHINGLES

Wear-Proof-Fire Proof-Artistic

*What more can you ask?*

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*Factories: AMBLER, PA.  
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Made in  
3 styles and  
7 colors

*This is  
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WILLIAMS  
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HEATING

*Listed as Standard by Underwriters' Laboratories*

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If you knew that Williams Oil-O-Matic heats more homes than any other make of oil burner, wouldn't that be a safe and sane guide towards securing the best on the market? An oil burner cannot dominate the market by accident. *It's got to be good.*

More than 80,000 homes are heated by Williams Oil-O-Matic. Architects, engineers and heating experts give Williams Oil-O-Matic wholehearted endorsement. Their experience is your best reason for selecting Williams Oil-O-Matic—they know. They have tried Oil-O-Matic under practical conditions.

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Williams Oil-O-Matic is entirely automatic—turns itself on and off without human aid—maintains steady, healthful temperatures—unusually quiet—thrifty of its economy fuel—dependable—built to outlive your whole family—simple to install in your present heating system.

Mail the coupon at the bottom of this page—we'll send you a list of Williams Oil-O-Matic owners in your neighborhood. Ask them—they'll give you unbiased opinions of Oil-O-Matic. Or 'phone your nearest Williams Oil-O-Matic dealer—let him analyze your heating problems.

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Genuine Williams Oil Heat at a  
Price Any Man Can Afford to Pay

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# The NEW PENNSYLVANIA Varitone SLATE ROOF

THE age-old charm of hand craftsmanship is what this slate of *hand-fashioned natural rock* brings to your home.

VARITONE is a blend of five choice Pennsylvania slates in *cool color tones*, ranging from Gothic Blue to Cathedral Grey.

A special offset dress gives the effect of heavy, over-thick slates without the handicap of unnecessary weight and cost.

So fine grained is the rock of which Pennsylvania "VARITONE" roofing slate is made that it absorbs less than  $\frac{1}{2}$  per cent. of water. Artificial roofing absorbs 20 to 100 times as much. Think what this difference means in keeping your home free from dampness.

Being natural rock, Pennsylvania "VARITONE" slate cannot burn, is weather-proof, storm-proof—almost indestructible.

This permanent roofing, while strong and charming enough to add distinction to a place, is *not too expensive for the most modest home.*

**SLATE—**  
—formed by Nature  
—fashioned by Hand  
—to protect  
man's finest  
possession—  
his HOME



The dignity of New England Colonial Architecture calls for the strong, cool tones of a Pennsylvania slate roof.

*Write for booklet—"What You Need to Know About Slate"*

**PENNSYLVANIA  
SLATE INSTITUTE INC.,**

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New York Office: 507 Fifth Avenue

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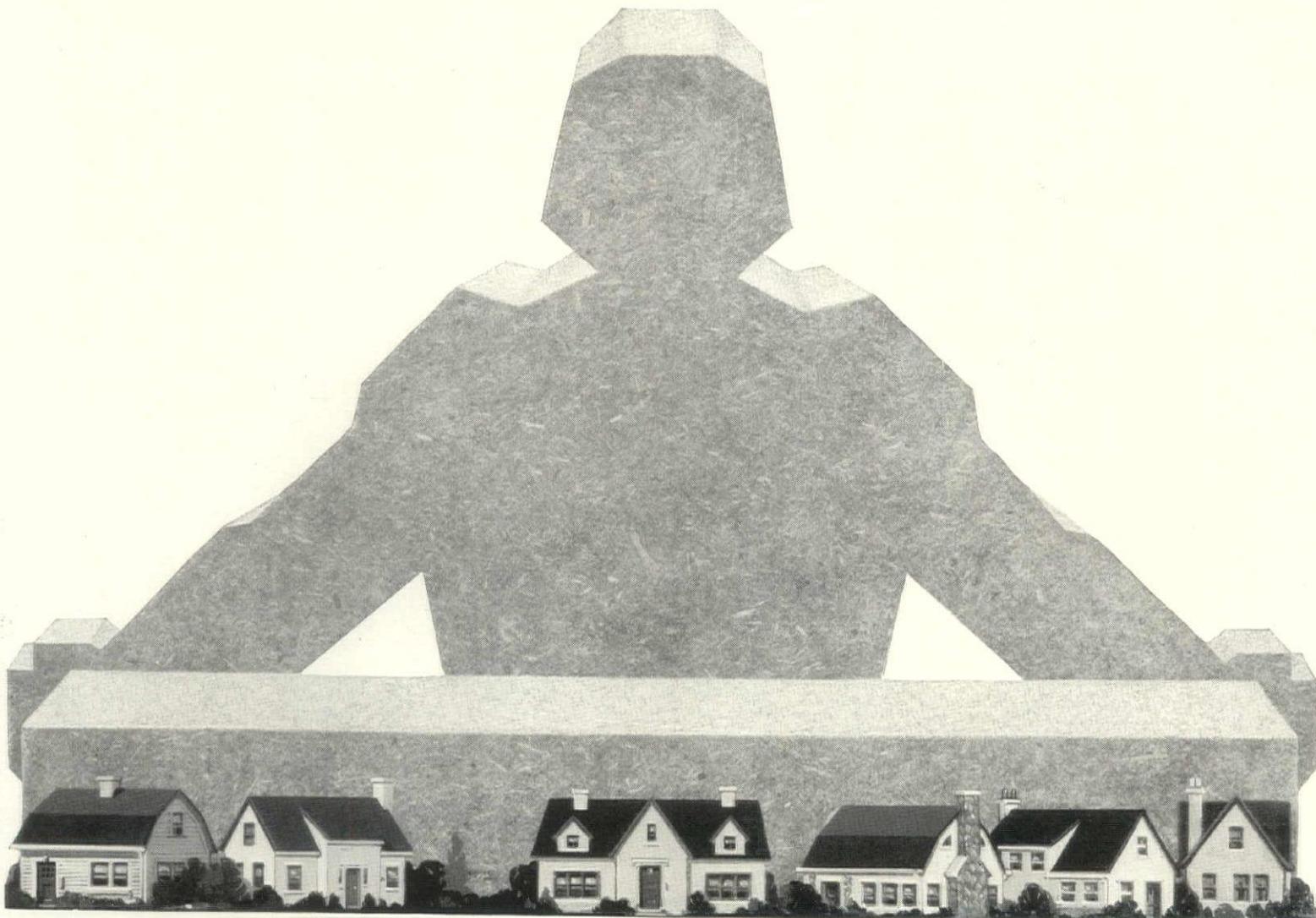
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## Live in the Shelter of Masonite

A giant stride toward real home comfort . . . a great step forward in protecting family health . . . that's what Masonite, the all-wood insulating and building material, accomplishes for the thousands of home-owners who live within its shelter.

No longer do these families live in chilly, drafty rooms. No matter how cold it gets, how hard the wind blows, Masonite homes are cozily warm all winter long. And in summer when the sun scorches, these same homes remain comfortably cool. Noise is absorbed; dampness is shut out. Fuel savings are so great that they actually pay for Masonite insulation. Is it any wonder that these homes have a greater resale value?

In new buildings, Masonite Structural Insulation serves as sheathing, for roof insulation, and as a sound deadener in floors. In old homes, it is installed under rafters and used for partitions, transforming waste attic space into cozy rooms. It is ideal for lining garages and basements or enclosing porches.

*Masonite Insulating Lath provides smooth, crack-resistant walls and ceilings free from lath marks. It holds plaster with a tenacious grip that will not break under a pull of one thousand pounds per square foot. It enables each room to retain its heat in winter . . . even until you rise in the morning . . . and keeps heat out in summer.*

Remember, too, that Masonite is made entirely of wood. It has wood's structural durability and building advantages. And, because it contains millions of tiny dead air cells, Masonite has wood's natural insulating ability multiplied many times.

Write today for the fascinating story of Masonite Structural Insulation. Surely, if you live in your own home or expect to build, you will want to know all about this all-wood insulation . . . the economies it gives . . . the comforts it provides. Just fill in and mail the coupon today.

MASONITE CORPORATION  
111 West Washington St., Chicago, Ill.  
MILLS: LAUREL MISSISSIPPI

# Masonite

STRUCTURAL INSULATION • INSULATING LATH • PRESWOOD

**Another  
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*—a grainless  
wood board  
of remarkable  
workability*

Masonite Preswood is a genuine wood board that is absolutely grainless. It will not crack, check, split or splinter. Takes any finish beautifully—needs no paint for protection. Possesses unusual workability, has uniform strength and high resistance to moisture. Can be used on any wood-working machine—can be punched, die cut and shaped. Industry after industry is finding new uses for this remarkable product.



**Send for  
FREE Booklet**  
Mail the attached coupon today. It will bring you the interesting Masonite booklet every home-owner or prospective home-owner should have.

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 If interested in Masonite Preswood, check here



*A thing of beauty and a joy forever. A modern residence in Connecticut, designed by Wesley Sherwood Bessell.*



*Here's the ancient Colonel John Stuart house at Charleston, South Carolina. Note the stanchness of its Tidewater Red Cypress construction in its second century of service.*

# Stave Off

## repairs 200 years—for an extra \$42

FOR 200 years, not one cent has been spent to replace the original Tidewater Red Cypress in hundreds of Pre-Revolutionary homesteads.

For 200 years, not one cent should be spent for rot repairs on the exterior trim (windows, doors, etc.) of the house recently built by Mr. R... K... of Dayton, Ohio.

Mr. K... selected durable Tidewater Red Cypress in preference to a slightly cheaper—but much inferior—lumber. On his \$10,000 house, the extra cost was only \$42.

For a few more dollars, he had bought not only freedom from worry, but also a wood that works easily, has a beautiful grain, and holds fast to paint.

Due to its durability and charm, hundreds of architects specify Tidewater Red Cypress every day. They recommend it for windows, doors, shingles, cornices, siding, porches, steps and every other place where wood meets moisture. You can't go wrong on any product endorsed by the great body of American architects.

*A Book of Homes—  
sent to you FREE*

"Money Saved for Builders" offers a new way of assisting home-builders. It pictures dozens of attractive new houses and venerable old specimens of the best early-American architecture. This is not a book of

commonplace printed plans. (To get the home of your dreams, by the way, we advise you to retain an architect—he usually saves you much more than his fee.) This booklet gives amazing proofs of the durability of Tidewater Red Cypress, tells how it is grown along the lower Atlantic and Gulf Coasts, tells how to cut the cost of operating your home, and explains why only "coastal type cypress" can give you its distinctive beauty and durability.

Southern Cypress Manufacturers Association  
HG-3 Barnett National Bank Bldg.,  
Jacksonville, Florida

Gentlemen:

"Money Saved for Builders" sounds mighty interesting. Please send it to me.

Name.....

Address.....

**SPECIFY TIDEWATER  
The Wood  
Eternal RED CYPRESS**



# Will your roof *burn* —or will it *not*?

## There is no safe middle ground

DURING the past year approximately 23 per cent of all residential fires in the United States started on roofs! And only one thing will keep your home safe from roof-communicated fires, from the hazard of flying firebrands—a fireproof roof.

Johns-Manville Rigid Asbestos Shingles cannot burn. They are made of asbestos and cement, perfectly blended, under tremendous pressure. With these shingles on your home—the fire hazard is ended forever. A J-M Roof cannot burn.

J-M Asbestos Shingles can be heated white-hot without injury—a test which would destroy other roofings. This reserve of strength, this marvelous independence of fire means everlasting protection for the home roofed with J-M Shingles. Unharmed by extremes of heat or cold, by rain, sleet or snow, you are guarded by a roof which will outlast your house itself. Recent scientific tests prove that weather actually makes J-M Asbestos Shingles tougher and stronger!

### Protection—plus Colorful Beauty

This is the age of color—and the wide range of colors and color combinations available in Johns-Manville Asbestos Shingles make possible any effect you may desire. Whatever the type of house, there is a J-M Roof to complete its beauty. And best of all—this permanent protection and colorful beauty is not accompanied by high price. For example, a roof of J-M No. 70 Mottled

Gray Asbestos Shingles costs approximately only 12% more than a roof of 18-inch Stained Cedar Shingles. In the long run, a J-M Asbestos Shingle Roof is the least expensive of all roofs. The first cost is the last cost. No maintenance or repair bills. You roof or re-roof for the last time.

Every J-M Asbestos Shingle Roof is accompanied by a "certificate of registration." It will assure you that your roof is of Johns-Manville manufacture—everlastingly beautiful—eternally fireproof.

### The Master Product of a Famous Manufacturer

J-M Asbestos Shingles are a master product of Johns-Manville—the world's leading manufacturer of fireproof, permanent roofing and building materials.

J-M Asphalt Shingles are the leaders in the field of colorful high-grade utility roofing at low cost. J-M Bonded Asbestos Built-up Roofs protect thousands of famous industrial and public buildings from coast to coast. J-M Transite, the Asbestos lumber, is unsurpassed for industrial roofing and siding.

J-M Brake Lining has meant maximum motoring safety and control for many years. Ask your brake service station about the new molded J-M lining. J-M Insulations serve every condition from 2400° above zero to 400° below.

How perfectly this attractive roof of J-M Mottled Gray Hexagonal Asbestos Shingles blends with the architecture of this Toledo, Ohio, Church. Schools, institutions, churches—as well as residences find permanent roofing beauty and protection in J-M Shingles.



The age of color in roofs! And you will find in the J-M line a type of color combination to suit every decorative need. Above is an interesting roof of J-M Colorblende type.



Cool greens—warm reds—weathered grays—a complete range of roofing colors! And J-M offers with this beauty—fireproofness, permanence, and economy. Give a thought to your roof today!

FILL out the coupon today, and let us arrange for a free inspection of your roof—and an estimate (without obligation) for re-roofing with J-M Shingles.



JOHNS-MANVILLE CORPORATION  
New York Chicago Cleveland San Francisco Toronto  
(Mail coupon to branch nearest you)

I would be interested in a free inspection of my roof and an estimate on re-roofing costs.  
 Please send free copy of "The New Book of Roofs."

Name .....

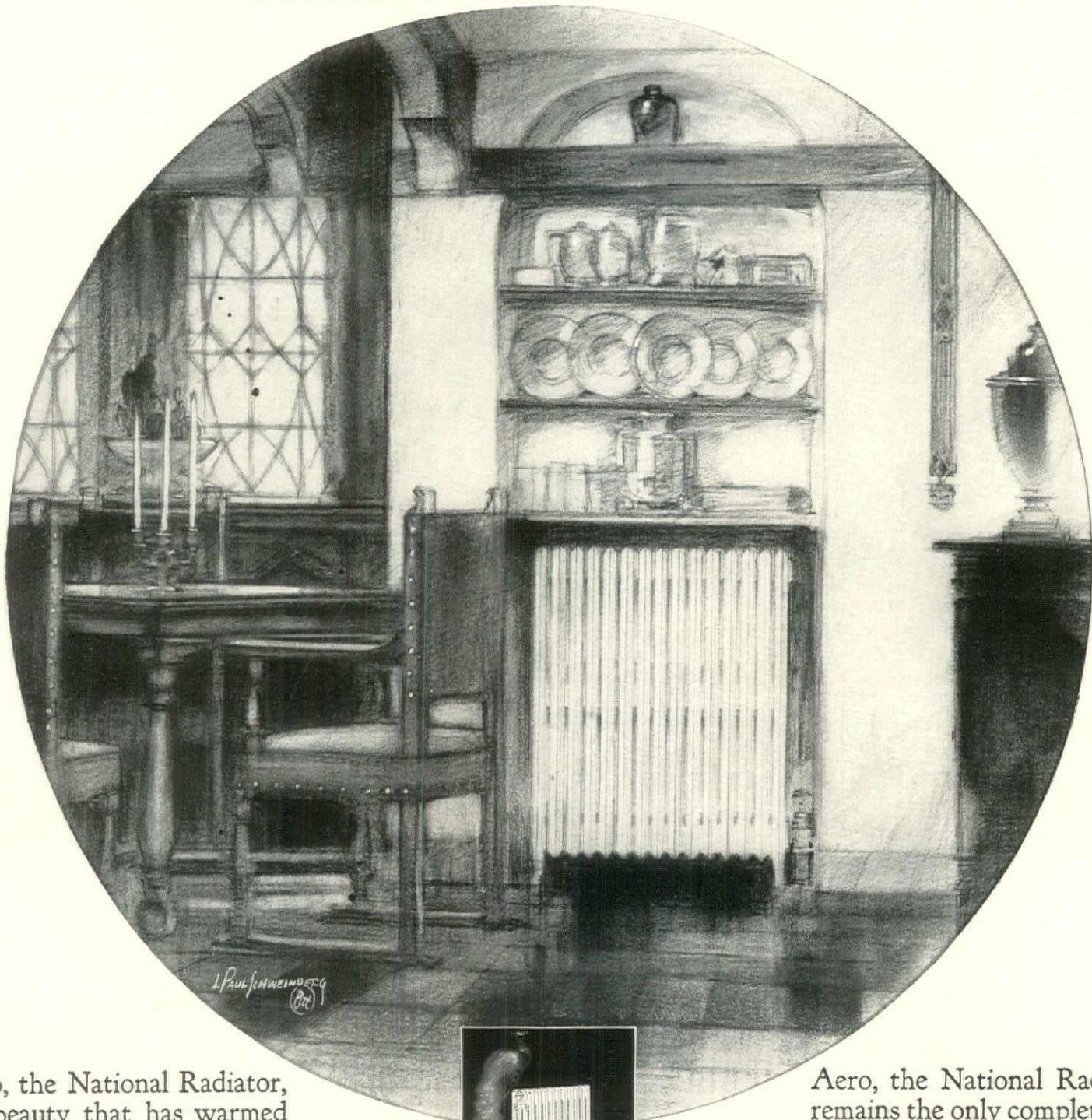
Address .....

RS-27-3

# Johns-Manville

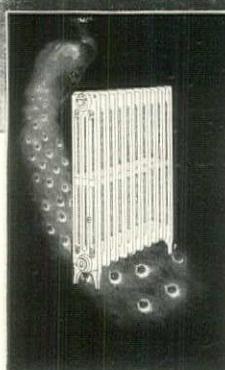
RIGID ASBESTOS SHINGLES

# AERO - IN WHICH IS BLENDED BEAUTY AND WARMTH



Aero, the National Radiator, has beauty that has warmed the hearts of thousands, as its efficiency has warmed their homes.

For, in the search for greater radiator effectiveness, Aero designers discovered radiator beauty. The graceful, slender tubes and well-proportioned spacing increased efficiency, and at the same time conferred charm. The radiators quietly harmonize with the finest appointments. Aero was the first complete line of tube-type radiation.



Aero, the National Radiator remains the only complete line whose dependability has been conclusively demonstrated through years of service on a wide variety of applications.

In Aero, the National Radiator, beauty and warmth are blended. In homes where Aero is installed comfort, attractiveness, and satisfaction are permanent attendants.

**NATIONAL RADIATOR CORPORATION**  
MANUFACTURER OF RADIATORS AND BOILERS

Nine Plants devoted to National Service through these Branch Offices and Warehouses

BALTIMORE, MD.  
MILWAUKEE, WIS.

BOSTON, MASS.  
NEW YORK, N. Y.

BUFFALO, N. Y.  
OMAHA, NEB.

CHICAGO, ILL.  
PHILADELPHIA, PA.

CINCINNATI, O.  
PITTSBURGH, PA.

CLEVELAND, O.  
RICHMOND, VA.

INDIANAPOLIS, IND.  
ST. LOUIS, MO.

JOHNSTOWN, PA.  
WASHINGTON, D. C.



**AERO**  
THE NATIONAL  
RADIATOR



## FLOORS OF CHARACTER FOR HOMES



If you wish your home to be smartly modern in every particular, you will now give special thought to floors. The picture shows effective use of Goodyear Rubber Tiling in a formal dining room. Considered in this light, the Tiling has the dignity and character suited to the more studied decorative effects.

But in its adaptability to the modern home, it has a very wide usage. If you will study carefully its advantages, you will find it a most desirable flooring for any room in the house.

In addition to its beauty of color, design and texture, it is pleasantly quiet and resilient under foot. You like to walk on it. And it has a special value

for entrance hall, bathroom or kitchen because of its laboratory cleanliness. In durability it ranks with the most permanent types of floors.

An illustrated booklet showing many attractive patterns in two- and three-color combinations will be gladly forwarded upon request. Just mail the coupon.

**GOOD YEAR**  
RUBBER TILING

Copyright 1929, by The Goodyear Tire & Rubber Co., Inc.

For attractive booklet descriptive of this modern floor material, just fill in this coupon with name and address, then mail it to Goodyear, Akron, Ohio, or Los Angeles, California.

NAME .....

ADDRESS .....

# Colored fixtures

add *everything* to beauty  
—almost *nothing* to cost

THE loveliest of bathrooms, nowadays, are being created with Kohler Colorware. And the cost is *very little higher* than for bathrooms with white fixtures.

The colored fixtures themselves do cost more, it is true. But fixtures are only part of a bathroom. The cost of fittings, of walls and floor, of labor—all that remains the same. The extra cost of color, a mere fraction of the total, is *nothing* to pay for the beauty that Kohler Colorware brings.

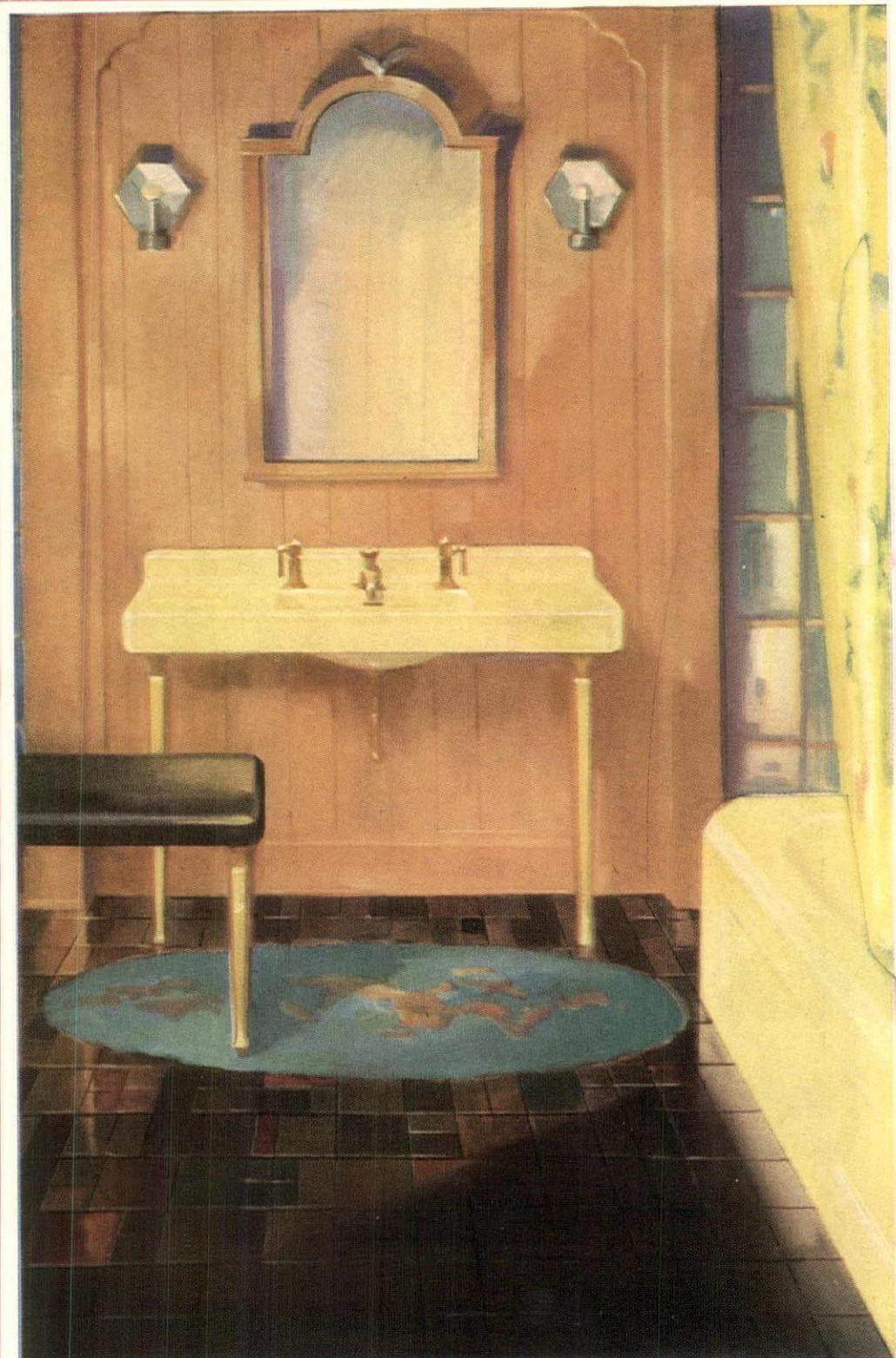
These graceful fixtures in lovely colors, first sponsored and developed to highest artistry by Kohler of Kohler, are the choice of architects and interior decorators not only for their most luxurious bathrooms, but for their simplest designs as well.

## See how inexpensive!

When you realize that there are Kohler bath tubs *in color*, with chromium-plated fittings, all complete and ready to install, for as little as \$80; lavatories for \$40; toilets for \$70—then you will see how *every* bathroom in this day can well afford this new beauty.

The Kohler colors are delicate shades of green, lavender, ivory, blue, brown, and gray. And there is a jet black—most effective in combination with Kohler fittings in gold. If you have several bathrooms, each may be developed in a different color scheme—each expressing your taste with individuality and distinction. . . .

It is superfluous, perhaps, to add that Kohler fixtures are far above the commonplace in quality. Kohler artisans put into their work something of the character of the place where they live—Kohler Village, one of America's most beautiful town-planned communities. In choosing Kohler Ware you choose



Kohler fixtures in Old Ivory—the paneled Mayfair bath and Fairfax vitreous china lavatory

superior worth—at the price of the ordinary.

You should see Kohler Colorware at a Kohler display room, if one is

near you. Ask your plumber about it. And send the coupon below for a book of bathrooms, kitchens, and laundries in all the Kohler colors.

KOHLER CO., Founded 1873, KOHLER, WIS.

Branches in Principal Cities

Shipping Point, Sheboygan, Wis.

**KOHLER OF KOHLER**  
*Plumbing Fixtures*

LOOK FOR THE KOHLER TRADE MARK ON EACH FIXTURE

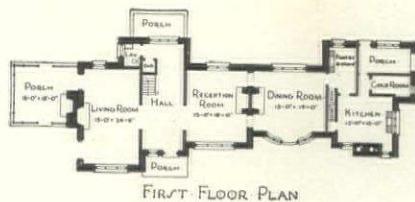
KOHLER CO., KOHLER, WIS. Gentlemen: Please send me your book of Kohler Colorware. H. & G.-3-29

Name.....

Street.....

City..... State.....

© 1929, Kohler Co.



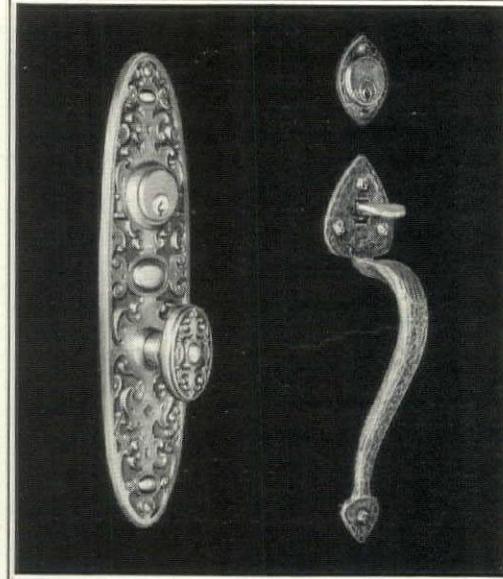
Carl A. Zeigler, A.I.A.  
Architect

## *Sargent Hardware designs in harmony with the rambling English dwelling*

THE BEST HARDWARE IS MORE BEAUTIFUL AND MORE PERMANENT  
• • • MORE THAN WORTH ITS SLIGHTLY GREATER COST

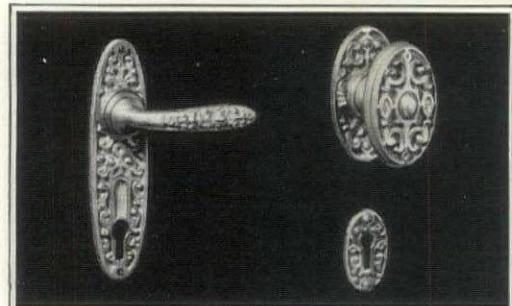
QUITE likely, at least in your own mind, you are building a new house—a home to be personal and distinctive. English, French, Spanish, or Colonial—the style will be adapted skilfully to your particular wants and needs. In decoration and trim it will blend those many ideas stored up during years of observing, comparing and selecting. Each room is planned carefully, even to the small but all-important details of finish.

Here is where Sargent Hardware will help you. For your new home you want the best hardware—dependable, smooth-operating, and non-rusting. Hardware that needs no replacing while the building stands. Then, you must have a design to



The two pieces shown above are suggested for exterior use with the alternative designs shown at left and right. Escutcheon No. 7896ER with Knob No. 1913ER; Door Handle No. HF2661.

do its part in expressing your entire scheme of decoration. Whatever this may be, Sargent offers many designs to choose from—each one authentic, exact reproductions or artistic adaptions of the master designers. Sargent prescribes the hardware illustrated on this page for the English type residence pictured above.

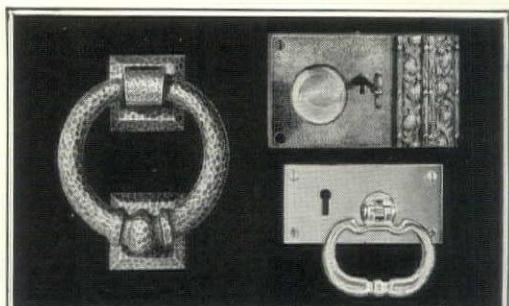


Escutcheon No. 705ER with Lever Handle No. 1143ER; Door Knob No. 1912ER with Rose No. 265ER; Key Plate No. 870ER.

Each piece is beautifully finished, perfectly machined, smooth in operation, and of solid brass or bronze.

Sargent Hardware is a worth-while investment costing little more than ordinary hardware, and repaying you many times over in its greater beauty and in its permanence. The cost of the complete finish hardware for this English dwelling is only about 2% of the total building cost. Hardware, however, necessarily varies in cost in different sections.

Our illustrated booklet, "Hardware for Utility and Ornamentation," will be sent you on request. You will find it interesting and instructive. Sargent & Company, 31 Water Street, New Haven, Conn.



Door Knocker No. 43; Rim Lock No. HFEM3549; Knob and Ring Handle No. HFEM1065; Escutcheon No. HFEM560.

**SARGENT**  
LOCKS AND HARDWARE

# I T IS A TEST FOR HOUSEHOLD CLEANLINESS -

*what does it tell in your home?*

IF THERE is one thing that "places" a family's standard of living it is the manner in which they keep house. The bathroom, most of all, is a clue to the standards of the household, and the most conspicuous thing in the bathroom is the toilet seat. This piece alone is often the flaw in an otherwise presentable house and one which is sure to lead to unfavorable impressions. Fortunately, such a defect may be obviated easily and inexpensively.

A handsome Church Toilet Seat, strong, uncrackable, smooth as glass, may be fitted to any make of bowl in ten minutes with the help of only a pair of pliers. As readily as the rest of your furniture, it goes with you when you change residence.

You will find that Church Sani-White Seats are now the usual installation in modern homes and apartments. Your neighboring plumbing establishment has them on display.

### *Also in nine modern colors*

On a wave of deserved popularity, Church colored seats have been swept into those interesting homes that are so effectively bringing color into every room. These seats are now available in nine pastel shades and nine sea-pearl tints. This wide range of beautiful colors permits one to manage just the right color scheme for the particular bathroom.

### *Ever-durable*

Like the Sani-White Seats, the colored seats are definitely guaranteed not to crack, splinter or tarnish. This is also true of Church bath chairs and stools. The covering on them is not a paint, lacquer or enamel. It is solid, and has no joints in which germs or dirt can lodge. After years of service this covering will remain sanitary and free from blemish. Write for illustrated folio. C. F. Church Mfg. Co., Dept. H-3, Holyoke, Massachusetts.



**Church Seats**  
*sani~*

"Toilet Seats for Better Bathrooms"  
Sold by all plumbing stores since 1898

*The Eternit Horizontal design offers you a new and exclusive shingle . . . in mellow attractive colors . . . at a most reasonable cost!*



*The residence of W. K. Graff, Esq., Berwyn, Pennsylvania*



WITH the perfection of Eternit Horizontal Asbestos Shingles, a roofing design entirely unlike that of any other shingle has been made available for home owners, builders, and architects. Wider, longer than the usual shingle, the Horizontal exposes a beautiful surface . . . a surface defined by shadow lines that run in pleasant angles up the roof. The shadows are deeper and more prominent; the colors soft and mellow. It is a striking shingle—beautiful in design, remarkable for its adaptability to definite types of architecture. And the reasonable cost makes it a real economy.

All Eternit colors are beautiful—whether they come in the Horizontal design, or in the familiar American and Hexagonal

methods. Emerald Green, fresh as an English lawn . . . Indian Red, gay, bright, autumnal . . . Colonial Gray, quiet as a soft passing cloud . . . and Quarry Blue, a soft natural slate color. Every one of these shingles is absolutely colorfast. They positively will not bloom or fade out. And in addition, there are Autumn Bronze, and Heatherblends—a tapestry of five harmonious shades . . . all beautiful, all increasing in charm as the years pass.

And the passing of the years will find Eternit Asbestos Shingles unharmed by any onslaughts of storm or blowing weather. They will continue to give the same sure protection, the same defense against the elements. Eternit Asbestos Shingles will never

burn, never yield to sparks or flames or flying embers. They are absolutely fire-proof. Eternits will not rot, raise, chip, or crack.

Contrary to the opinion of many people, a roof of asbestos shingles is not expensive. The first cost is low, and the cost over a long period of years—which is the only way to figure roofing expense—reduces your original expenditure to a minimum. An Eternit roof virtually never wears out.

Whether you plan to build, or whether your present home needs reroofing, let your architect, dealer, or builder tell you about Eternit Asbestos Shingles. Eternit, Inc., 9215 Riverview Drive, St. Louis. Offices and warehouses at Philadelphia, New Orleans, Houston, and Jacksonville.

# bring your home up-to-date . . .

*with INSULITE,  
the double-purpose insulation*

Money filters through the uninsulated roof.

Pile on more fuel—run the furnace full tilt. You can't heat all out-doors, so the thing to do is to—

—line the attic with INSULITE and reduce heating costs.

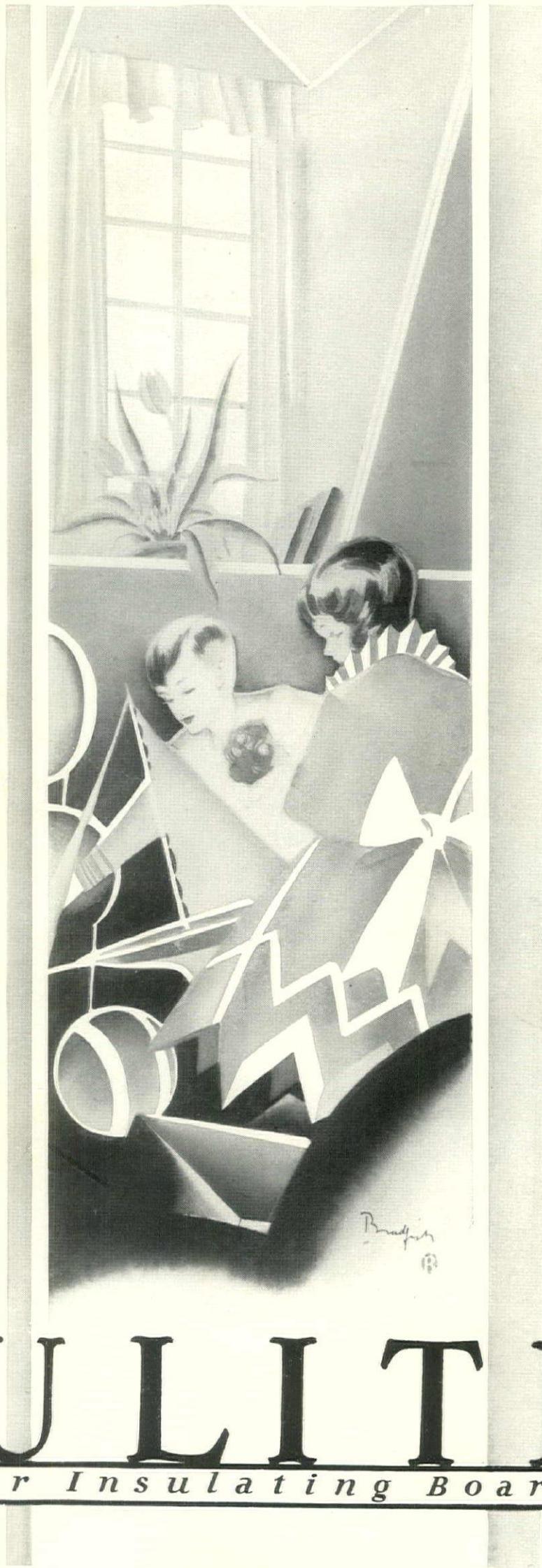
In summer the difference will be just as great; every room in the house many degrees cooler.

Besides the *comfort* thus achieved, many attics—when finished off with INSULITE Building Board—will make ideal play rooms, workshops, sleeping quarters, sewing rooms and the like.

Many helpful suggestions for the use of INSULITE—the double-purpose, all-wood-fiber insulating board—are contained in the booklet—"Rooms of Happiness." Write for a free copy.

THE INSULITE COMPANY  
1215 Builders Exchange      Department No. 7  
MINNEAPOLIS, MINN.

*Ask Your Lumber Dealer for*



# INSULITE

*the Wood - Fiber Insulating Board*

# "Now say 'Ah!' please . . ."

THE boiler having complied with this request, a faint echo of its loud "a-r-r-r-h!" came from the lips of the eminent boilerologist.

"Nothing like a good 'ah' to show what's what," he said. "This boiler is suffering from a lack of Fire Surface, which is equivalent to saying that it has no stomach, no apparatus for absorbing heat from the fuel you feed it. Consequently it loses all its heat up the chimney, while the house goes cold and uncomfortable, and your fuel bills climb sky-high."

"The thing to do is to put this boiler out of its misery as humanely as possible and get a new boiler in its place, one that has a stomach large enough to digest all the heat your house needs, and pass it on economically to every room of your house."

"Then your home will be always warm and comfortable, and every year you will make a saving in your cost of heating—a saving that in a few years will pay the cost of the new boiler."

*Send for Free Copies  
of Our Two Books*

If you have a sick boiler in your house, or if you are going to build and want to avoid installing a sick boiler, send for our two books, "Guaranteed Heating Satisfaction at Minimum Cost," and, "Does it Pay To Install an Oil Burner?"

They contain a more complete and more serious discussion of the above. To anyone interested we will gladly mail a copy of each book free. They make a definite contribution to the subject of heating comfort, and to the subject of heating costs and how to reduce them. They tell you why an H. B. Smith Boiler properly installed will give you economically all the heat you normally want, and be able to supply additional heat in extra cold weather or when there is sickness in the house. Simply use the coupon below, sending it today to The H. B. Smith Co., Dept. K-21, Westfield, Mass.



THE H. B. SMITH COMPANY, Dept. K-21, Westfield, Mass.

Gentlemen: Without cost or obligation to me,  
please send me a copy of each of your two books.

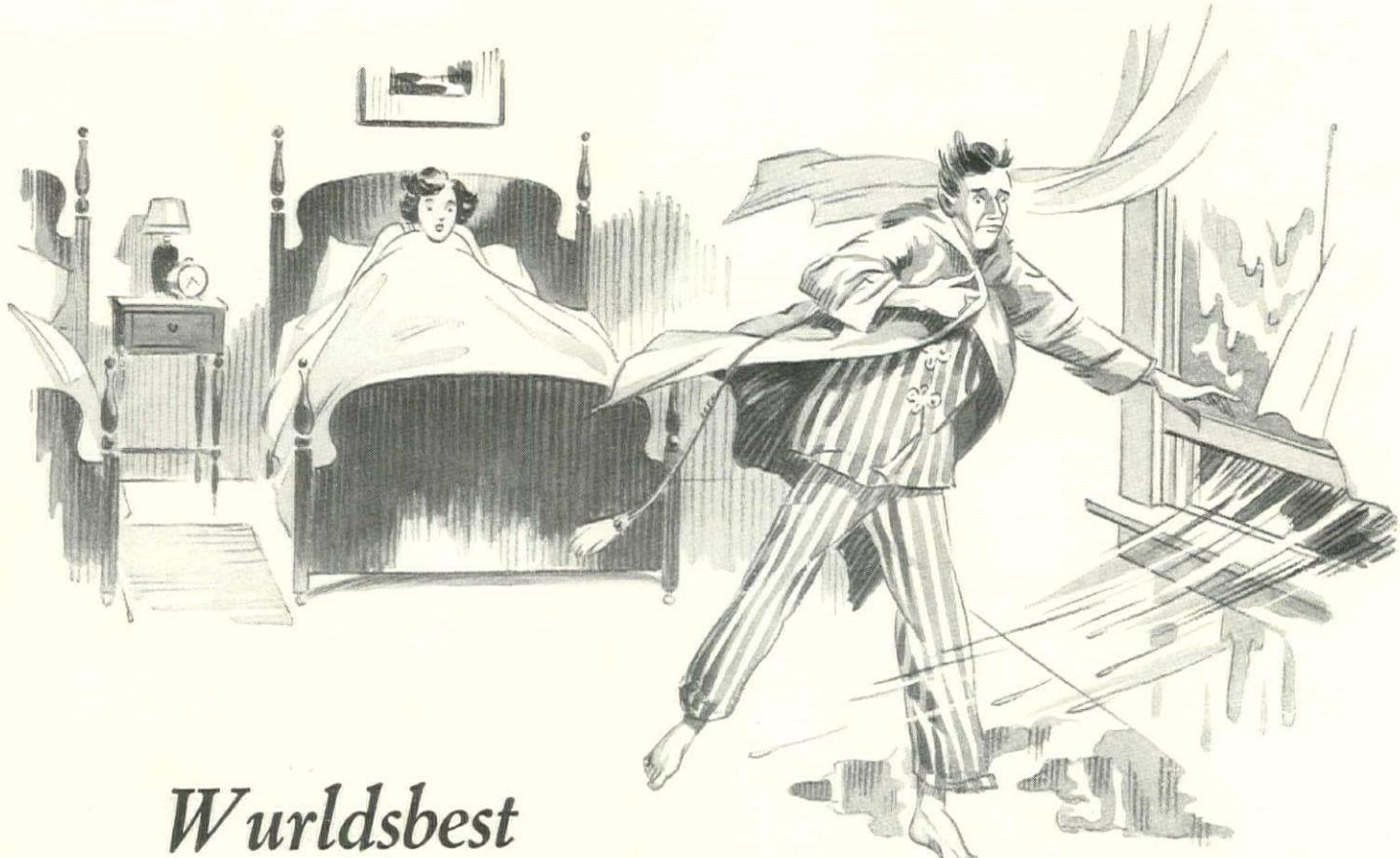
Name .....

Street .....

City ..... State .....

**THE H·B·SMITH**  
BOILERS & RADIATORS  
*Used in fine homes and buildings since 1860*

The H. B. Smith boilers for steam, hot water and vapor heating radiators; and hot water supply boilers; for factory and public building.

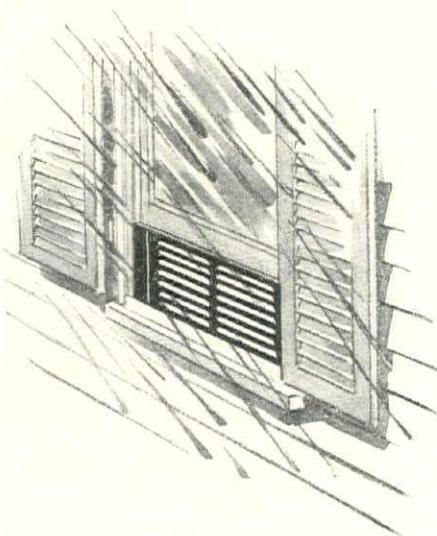


## *Wurldsbest Ventilators Eliminate This!*

You need not close the windows when it storms. The Wurldsbest Ventilator gives you ventilation in the modern manner. Keeps out rain and snow, and due to a fine mesh, built-in bronze wire screen, dirt and dust are excluded. Plenty of clean fresh air WITHOUT DRAFTS, as the current is deflected *overhead*. Protects health, curtains, drapes and rugs. Fits on the outside lower sash and does not interfere with *completely opening or closing the window*.

Wurldsbest is a high quality product, strongly made of a special rust-resisting steel. A beautiful olive green enamel finish is baked on, enriching its appearance and making it adaptable to any interior or outside color scheme.

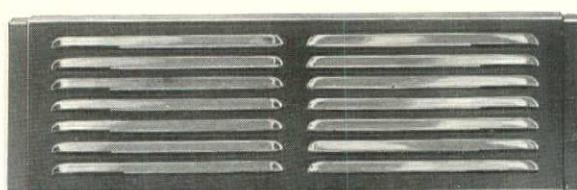
Offered in sizes for every window. Adjustable ends assure snug, perfect fit. Buy Wurldsbest Window Ventilators at leading hardware and department stores. If your dealer cannot supply you, send check or money order and your dealer's name direct to us—Dept. H-329.



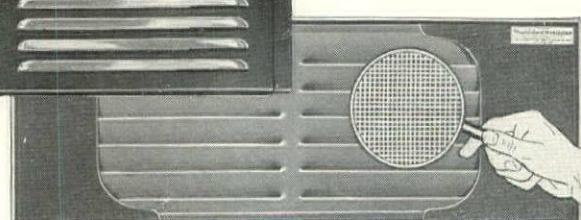
ALLWEATHER VENTILATOR COMPANY, Inc.

452 Lexington Avenue, New York City

# **Wurldsbest** WINDOW VENTILATORS



*At left, outside view of Wurldsbest Ventilator. Note adjustable end pieces.*

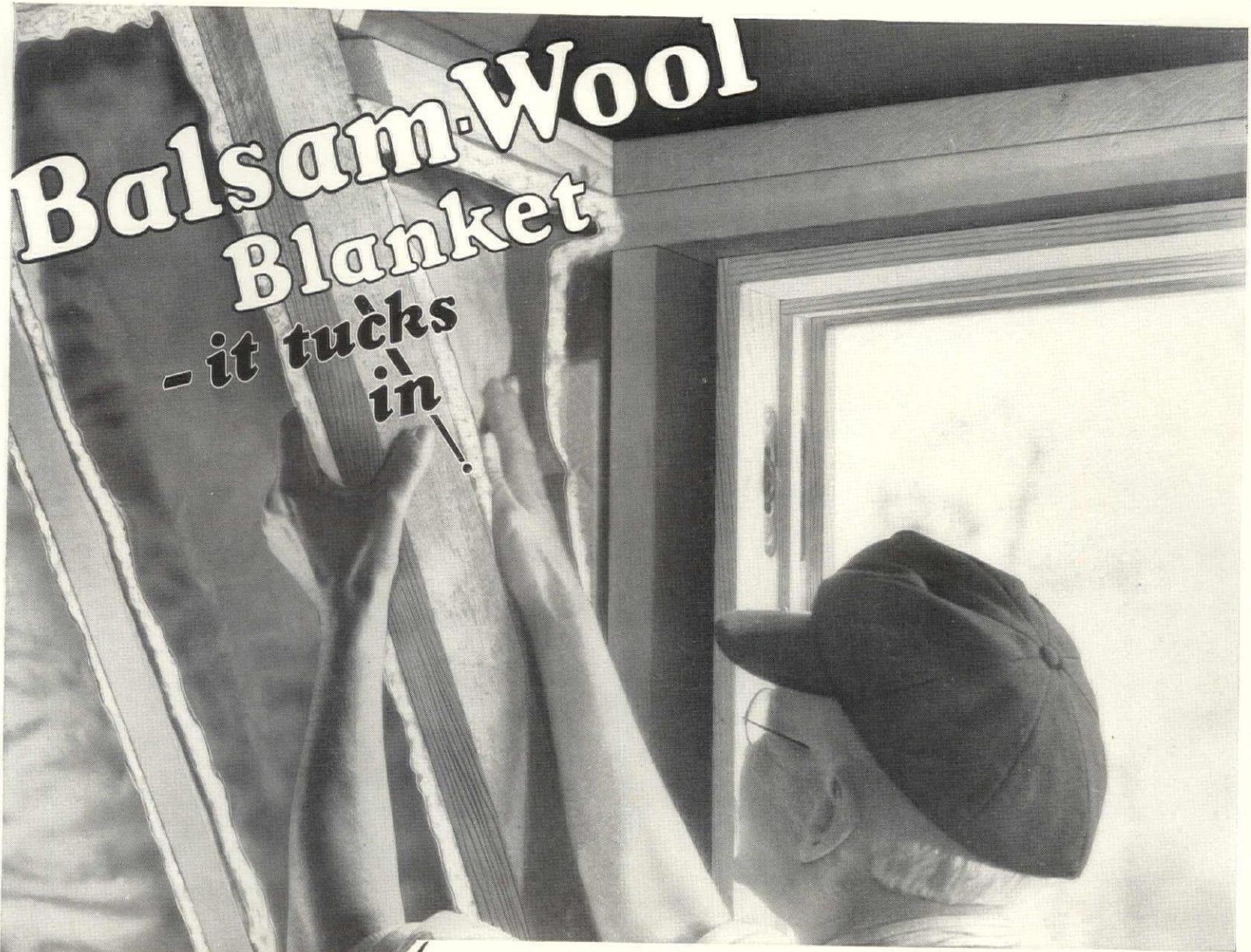


*At right, inside view of Wurldsbest Ventilator. Note bronze wire screening.*

### POPULAR SIZES

- No. 3, 23" to 30" wide—\$3.00
- No. 4, 30" to 36" wide— 3.50
- No. 5A, 36" to 46" wide— 4.00

*Prices slightly higher in Canada*



## To be truly modern—Heating Equipment must include this Heat Saver

WILL you put a good boiler and good radiators into that house you are building or re-modeling—and stop there—losing a third or more of the costly heat by leakage through the walls and roof?

Or will you make your heating equipment complete—and your home really modern—with a thick flexible blanket of Balsam-Wool?

Even in an old home a blanket of Balsam-Wool in the attic will go a long way toward making the heating equipment modern and complete, add to your comfort and save a fifth or more of your fuel bill.

Balsam-Wool is an essential part of modern heating equipment. Soft and effective as sheep's wool, it lines the roof and walls, tucks into every nook and cranny—keeps costly heat indoors where it belongs.

Balsam-Wool will cost you almost nothing. The saving you make by installing a smaller boiler and smaller radiators pays all or at least a large part of its cost. The fuel you save ever after is clear gain.

Balsam-Wool—flexible, a full inch thick—is made for *heat saving*. It is not a substitute for anything else in the house.

Whether you are building a new house—or would like to make your present one more modern and livable—you should know more about Balsam-Wool. It is sold through lumber dealers. Send the coupon for free sample and instructive free booklet.

### WOOD CONVERSION COMPANY CLOQUET, MINNESOTA

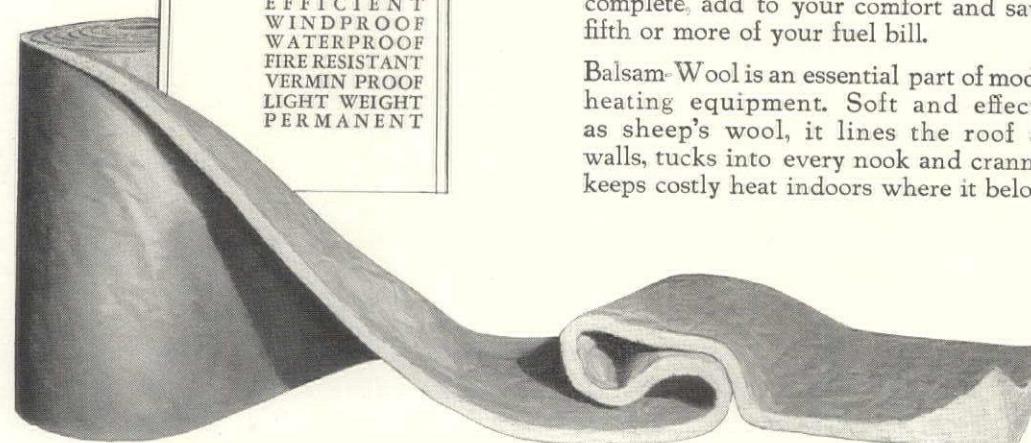
*Makers of Balsam-Wool, the Flexible Insulating Blanket. Also  
Makers of Nu-Wood—the All Wood Insulating Wall Board and Lath*

Sales Offices in Principal Cities



Balsam-Wool is a guaranteed Weyerhaeuser product—a blanket of fluffy wood fibre that looks and acts like sheep's wool. It is TRUE INSULATION—keeping the house warm in winter and cool in summer—because it is—

FLEXIBLE-THICK  
EFFICIENT  
WINDPROOF  
WATERPROOF  
FIRE RESISTANT  
VERMIN PROOF  
LIGHT WEIGHT  
PERMANENT



#### WOOD CONVERSION COMPANY Dept. 81, Cloquet, Minnesota

M-9

Gentlemen: Please send free sample of Balsam-Wool and booklet "House Comfort that Pays for Itself." I am interested in insulation for

A new house       The attic of my present one

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_



# The DECORATORS CLUB Inc.



*Among the Members*

MARY LINTON ACKERMAN  
1 West 64th Street  
New York City

ARDEN STUDIOS, INC.  
460 Park Avenue  
New York City

MISS ANNA BARRINGER  
56 East 55th Street  
New York City

JESSICA BOSS  
578 Madison Avenue  
New York City

BOSTWICK AND TREMAN, INC.  
694 Madison Avenue  
New York City

MRS. HARRIET E. BREWER  
37 East 64th Street  
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GERTRUDE BROOKS  
26 East 55th Street  
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MARY COGGESHALL—  
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RUTH COLLINS  
740 Madison Avenue  
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HELEN CRISS  
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EWIN AND EWIN, INC.  
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ELSIE SLOAN FARLEY  
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WALLER FREEMAN  
129 East 10th Street  
New York City

SUSAN GRAVES  
418 East 50th Street  
New York City

GROSVENOR STUDIOS  
5 East 57th Street  
New York City

HELEN GRAEME HAMMOND  
and  
MARGARET S. TAYLOR, INC.  
350 Madison Avenue  
New York City



THE Decorators Club is an organization of women decorators—with a nation-wide membership of those who believe in the maintenance of the highest standards in this field of Interior Decoration.

With the rapid increase of interest in this art, it is to the advantage of both clients and decorators that these standards be understood as widely as possible.

The members of The Decorators Club believe that clients can be safeguarded in their expectation of competent and beautiful work only when those calling themselves decorators (1) have had thorough educational preparation, (2) have had sufficient practical experience to guarantee sound workmanship and good values, and (3) maintain unquestioned ethical practice.

Upon the cornerstone of this type of service is built the art of Interior Decoration.

*Among many other well-known decorators—members of this organization—are those whose names appear in the accompanying lists.*

*Among the Members*

JANE WHITE LONSDALE  
314 East 57th Street  
New York City

McBURNNEY & UNDERWOOD  
431 Park Avenue  
New York City

NANCY McCLELLAND, INC.  
15 East 57th Street  
New York City

HETTIE RHODA MEAD  
4 West 40th Street  
New York City

NORFOLK SHOP  
Ruth Ferguson  
446 Madison Avenue  
New York City

ELIZABETH C. POTTS  
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New York City

ETHEL A. REEVE, INC.  
17 East 49th Street  
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HORTENSE REIT  
578 Madison Avenue  
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LUCILE SCHLIMME  
420 Madison Avenue  
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MISS RUTH LYLE SPARKS, INC.  
447 Park Avenue  
New York City

KATHERINE PARK STUDDIFORD  
431 Park Avenue  
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OLD FRANCE, INC.  
Miss Jane Swords  
714 Madison Avenue  
New York City

DIANE TATE  
and  
MARIAN HALL, INC.  
44 East 57th Street  
New York City

KERSTIN TAUBE, INC.  
135 East 56th Street  
New York City

MISS GWENDOLEN C. THORPE  
150 East 61st Street  
New York City

MRS. TORRANCE  
425 Park Avenue  
New York City

MARGERY SILL WICKWARE  
19 East 47th Street  
New York City

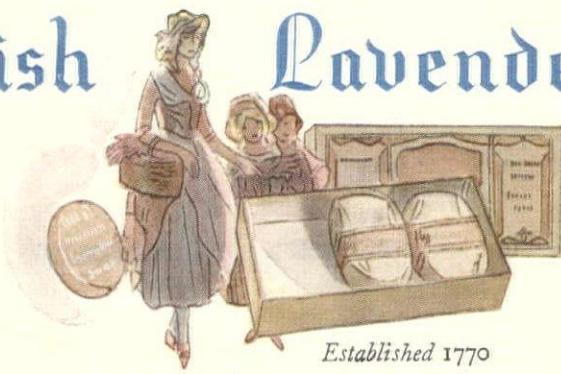
AGNES FOSTER WRIGHT  
424 Madison Avenue  
New York City





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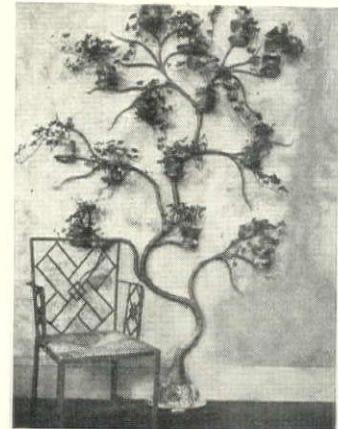
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**M**ODERNISM in interior decoration no longer needs the explanations it did only a short time ago. Accepted as a definite fact, not as a fad, it has come to be recognized as an integral part of the natural background for present day living. Not so long ago modern decoration was interpreted for the most part in geometric forms, depicted in more or less flamboyant colors. Today, however, the tide of modernism has receded into more quiet channels; soft tones predominate, particularly several shades of one color. It is therefore not surprising to find the movement more generally accepted, and more and better designs available in every field of home furnishing. Floor coverings, an important item in the decorative scheme of a room, because so much depends upon their suitability of texture, color and design have not been neglected. Since the floor and its covering underlie and hold together the rest of the room, it is fortunate that the newer carpets, rugs and linoleums now present a multitude of designs in the best taste and in colorings suitable for the modern interior.



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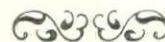
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**I**N THIS day of complicated living the decoration of the nursery requires particularly careful consideration. A touch of sophistication may be a smart note, but care must be taken that when this is present it should in no way detract from the general appeal to the tiny occupant of this kingdom. This is of the utmost importance if the decorator would scale the furnishings to the user. (It is not a rare event to find a nursery furnished to suit the taste of adults rather than of the child). R. H. Macy & Company are featuring several nursery rugs designed by Richard Falconer, an American artist, that strike a happy medium between sophistication and simplicity. A wise owl sitting on the limb of a dead tree is treated in a distinctly modern manner. Colors are blended from various shades of one tone to form a perfect harmony. Another design depicts an elephant perched rather riskily on a ball, much in the circus manner, with a naïve moon and a star hanging haphazardly in the firmament above. This is available in all the pleasant colorings prevalent today—rose and gray with brown, blue and white, green and yellow. These chenille rugs may be used also in the bathroom since they are guaranteed washable and color fast.



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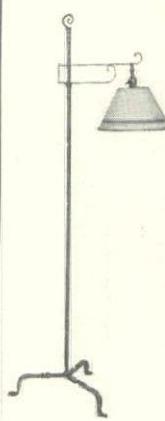
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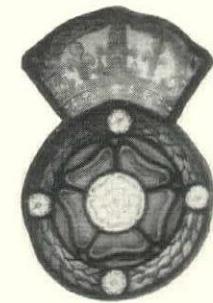
VIRGINIA S. WOLFE FLORENCE C. PLUMER

A SENSE of humour is necessary these days in order to appreciate some of the best of the latest rug offerings, especially those designed by Richard Falconer. Among the new designs are amusing caricatures that make especially good bathroom or bedroom rugs. An excellent hooked rug offered by R. H. Macy & Company has a sand colored background against which is depicted a heron standing on one leg in blue-green water, with a wave rolling out into space. The border of this fanciful design is henna and blue, and finishes the rug in a becoming manner.



AMONG the new Bigelow Hartford modern rugs are a number of floral and small all-over patterns in soft colors that make excellent scatter rugs. Scatter size modern rugs are somewhat more popular than the 9 x 12 size because even those conservative persons who are afraid to indulge in the modern movement to any great extent are tempted to invest without great expense, in a

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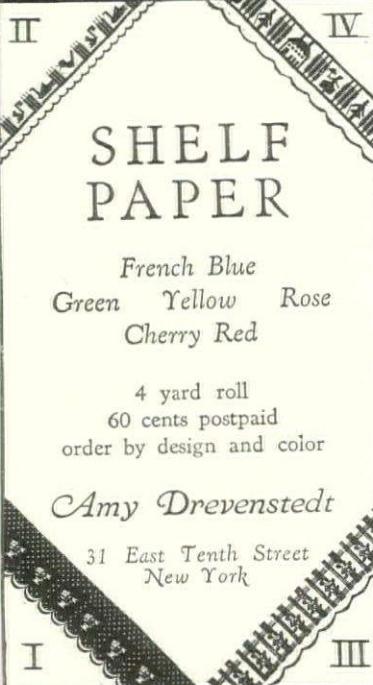
I remain,  
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small rug, merely for a trial. One of the newest patterns utilizes both the cut and the uncut wool yarn in a twisted and then a plain stitch, with an interesting effect. The motif is worked out in varied sized leaves in numerous shades of one color. It is available in small sizes and in the 9 x 12 size, in tans and browns, greens, or mauve tones. Grays, beiges, lavenders, blues and greens are the colors found most in demand.



**S**TANGE as it may seem, the mountain workers who ply their trade at home and in quaint shops scattered throughout the Blue Ridge Mountain district, are beginning to do hooked rugs in the modern manner. Old fashioned geometric forms have been adapted to modern designs and are executed in all the tones associated with contemporary décor. One pattern called "The Shell" is worthy of a place in the most modern interior. It is worked in browns and black, with the center figure in rose and side motifs in

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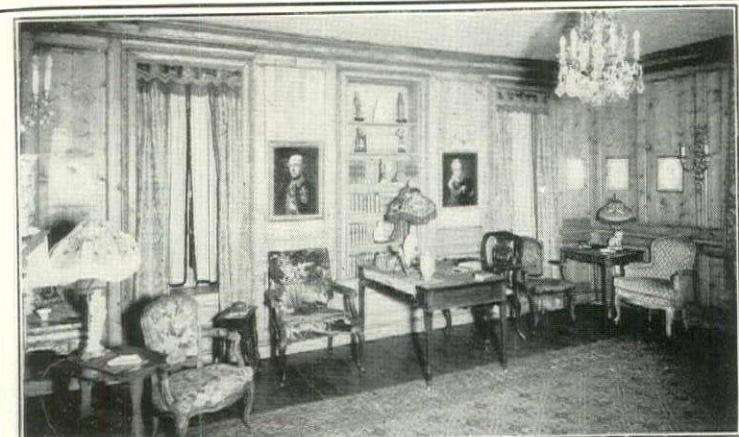
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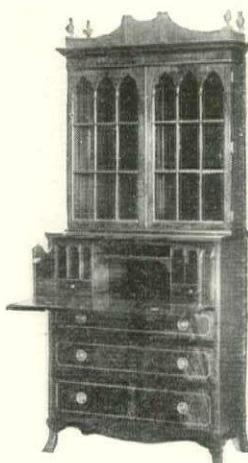
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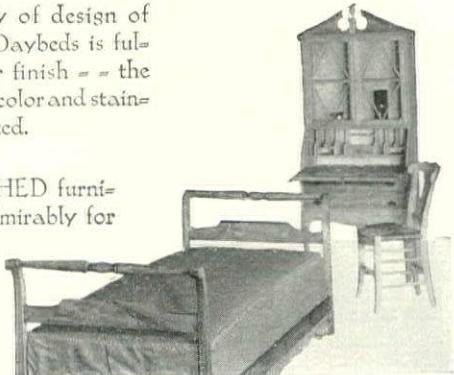
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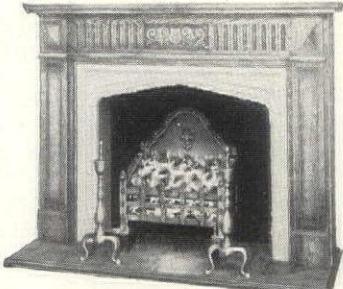
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green. This may be made of either mercerized cotton or all of wool according to one's choice. Hand-hooked rugs and mats that fit in so well with Early American interiors still continue to be made by the mountain folk, and are available from The Treasure Chest of Asheville, North Carolina.



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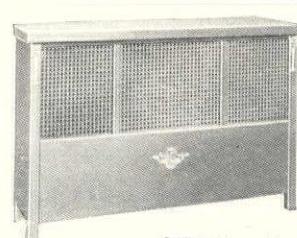
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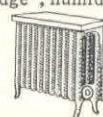
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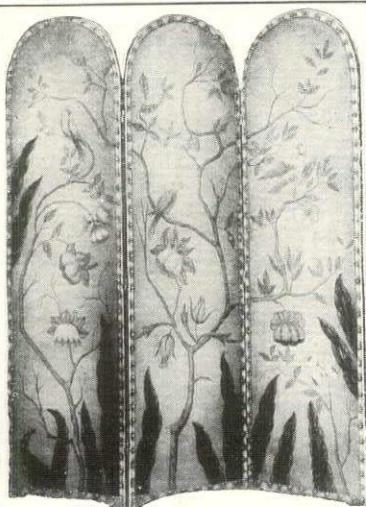


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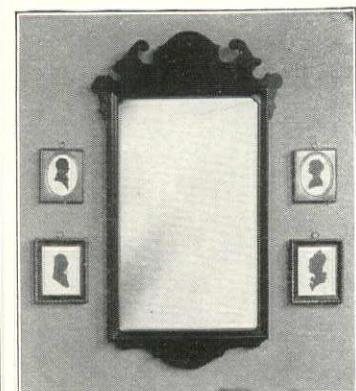
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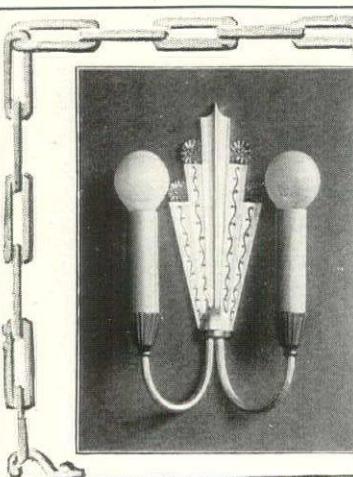
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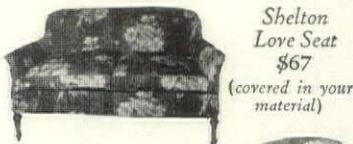
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Furniture and Draperies made to order

room in the house. A good pattern for a small kitchen or sun room since it tends to increase the size of the room reminds one of the design on a peacock's tail. It utilizes various shades of one color—blue, green or mulberry—in a small triangular block motif. This particular pattern may be seen in use on the floor of the kitchen in the Modern Home at James McCreery & Company.



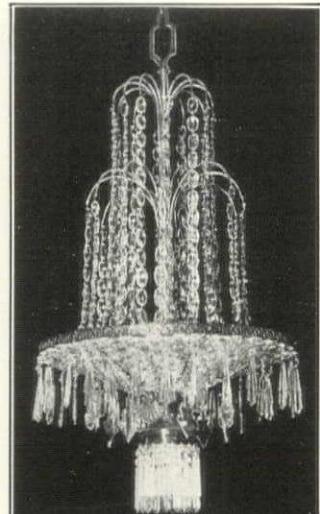
RECENTLY there have been placed on the market machine loomed rugs which closely resemble hand-hooked and tufted rugs in texture and appearance. They are to be had in only one size (27 x 48) and come in pleasing modern designs. French, German, and Spanish artists have contributed distinctive patterns. Unusually effective is a rug in tans and browns lightened by occasional touches of lavender. Another pattern shades from pale apricot and beige to henna and deep brown. A zigzag design contributed by the German school comes in two colors—tones



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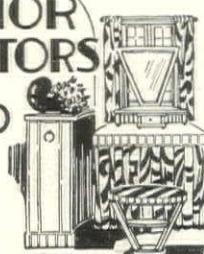
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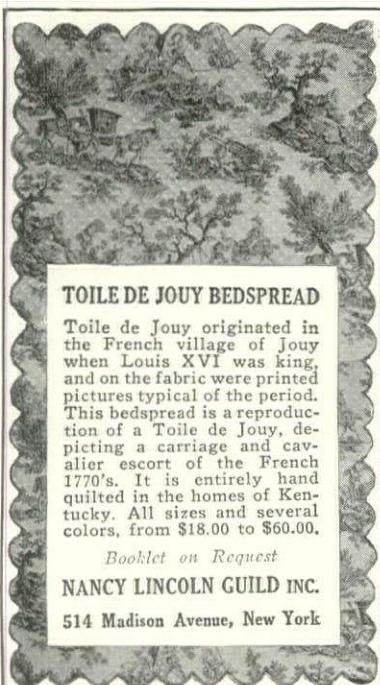
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of mulberry and varying shades of green. Another type of modern rug, a domestic contribution, is the rayon rug, which has a pleasant sheen and luster. These also come in only one size (27 x 48) in a lovely range of colors—green, rose, blue, gray and lavender.



A PIECE of furniture that would delight a man whose hobby is carpentry, or at least, pottering with tools, may be seen at Hammacher, Schlemmer & Company. This is a combination bench and tool cabinet that is unique in construction. It has several conveniently arranged drawers of different sizes, ample closet space, a side opening and a hinged top, and houses a collection of tools that might well bewilder the uninitiated. These include hatchets, levels, planes, pliers, saws, screw-drivers and wrenches of various sizes. When closed this cabinet, which is made in oak, walnut, or merely finished in walnut, with or without the tools, is a handsome piece that would not mar the decorative scheme of any man's room. The locks and handles are of solid brass.



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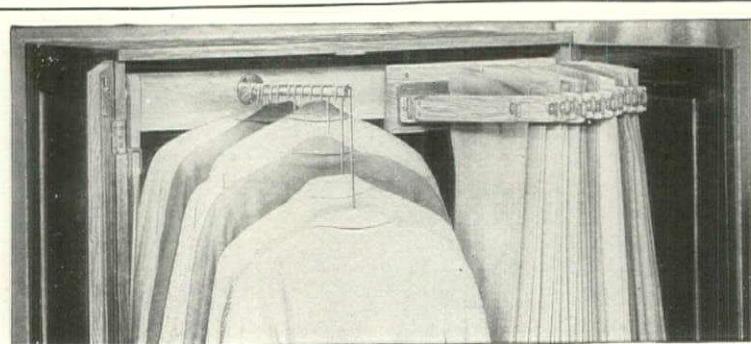
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# Summer Snow-peaks!

no words can overtell  
the lure of the High Sierra



Just a few miles off the Owens Valley Road you climb into the very heart of the High Sierra's summer glaciers and snow-pockets. Painted by Leland Curtis. Courtesy Stendahl Galleries, Los Angeles

(Written by an Easterner who came to Southern California in 1927)

**BLIZZARD-SWEPT** and ice-locked, and resisting close approach, the High Sierra assume even more awesome magnificence in winter. I had my thrills crossing the Sierra via Tioga Pass one July day, driving through snow-pockets and fishing icy trout-abounding waters. I longed to experience the Sierra's winter moods.

With Eastern visitors I have been basking in the mellow winter sunshine of the little Owens Valley town of Lone Pine, watching great snow-swirls batter themselves against the shivery gray walls of Mt. Whitney. (14,501 ft.) The contrast between the Valley's comfort and the mad battle on the country's loftiest peak was astounding.

Leland Curtis painted this High Sierra picture in July. So, when you come out this summer, a few hours drive will put you into the heart of thousands of square miles of scenery he so faithfully expresses.

To my never ending delight I find that out of the

placid blue Pacific rise islands rivalling Capri; for 270 miles extends an American Riviera. Golden-fruited orange groves are on every side as you motor to the Old Spanish Missions. Beaches are broad and safe. You will quickly agree with me that there is no end to the new things to see and do in this Southwest Empire of yours!

I like to be part of a great city, too. Los Angeles, in the very heart of this scenic wonderland, is the Pacific coast metropolis! Gay hotels, cafes, fine theatres, "Symphonies Under the Stars" in Hollywood Bowl . . . everything! Night life lacks nothing. Los Angeles County's oil fields alone are rated at a billion dollars. Agricultural products annually approximate \$95,000,000!

If I had it to do over again, I'd start planning now to come out this summer. I'd like to be close-by when you receive the new, All-Year Club book "Southern California Through the Camera." It's something I want on the library table. So will you. Will you send for it now?

## Southern California



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# The Thrill of Two High Speeds

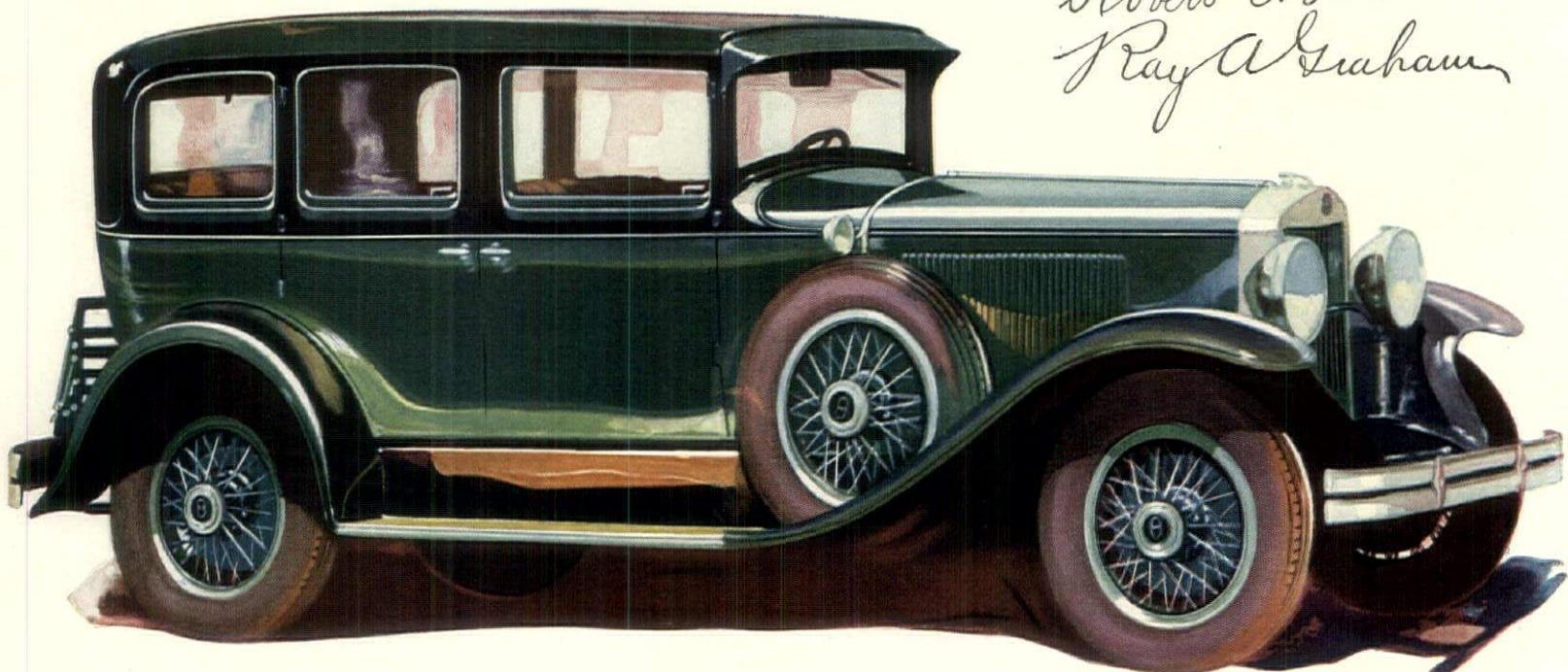
¶ Four Speeds Forward ¶  
Standard Gear Shift ¶



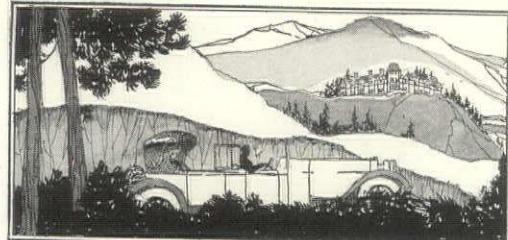
Graham-Paige offers a wide variety of body types, on five chassis—sixes and eights—at prices ranging from \$885 to \$2495. Car illustrated is Model 827, five-passenger Sedan, \$1925 (special equipment extra). All prices at factory.

Among fine motor cars, Graham-Paige sixes and eights are distinguished by the thrilling performance of their time-proved four-speed transmission—with its *two high speeds*. Fourth (used most of the time) contributes a new smoothness and swiftness; third (a quiet internal gear) provides rapid acceleration in traffic and up steep hills. The gear shift is *standard*—you start in second, advance to third, then to fourth. First is in reserve; instantly available, but seldom used. A car is at your disposal.

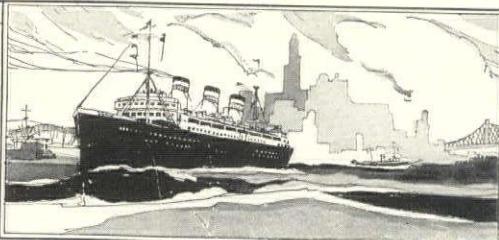
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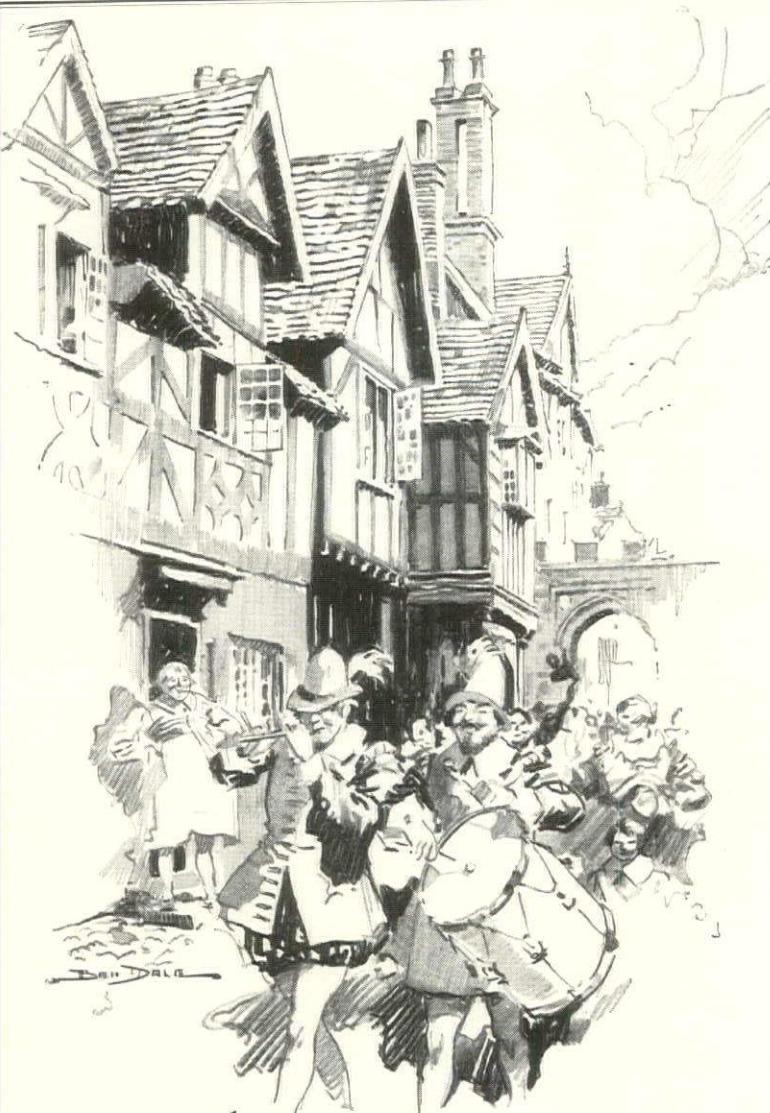
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# England the gateway to Europe

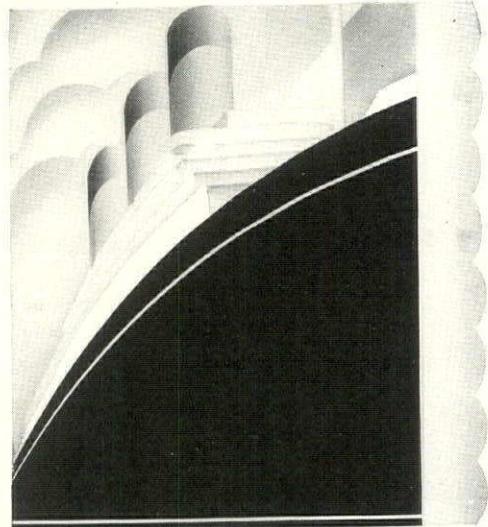
Away in the east where the sun rises—a little more than five days from New York—lies England—America's gateway to Europe...By virtue of her eventful history, because of common ties of history and language dating from the days when the two were one, England is the best vacation land in Europe for Americans.

Think of the England of the Washingtons, Franklins and Penns; of Raleigh, Frobisher and Rainier in the west; of Tintagel, with King Arthur and his knights in council; Glastonbury founded by Joseph of Arimathea. Then roam through romantic Somerset, Hampshire, Dorset and Kent to wondrous old Canterbury, see of every Primate since Augustine, where the Black Prince rests.

Follow the dawn to England and land at Plymouth or Southampton and feel as if you were stepping into a landscape of Turner or Gainsborough. England, the natural door to Europe, is as dainty as a madrigal and really welcomes Americans.

Guide No. 26, containing full information, gladly sent on request  
K. W. C. GRAND, General Agent, 505 Fifth Avenue, New York

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and  
SOUTHERN  
Railways of England**

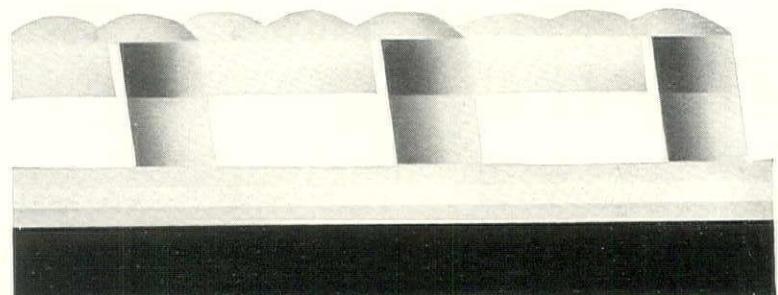


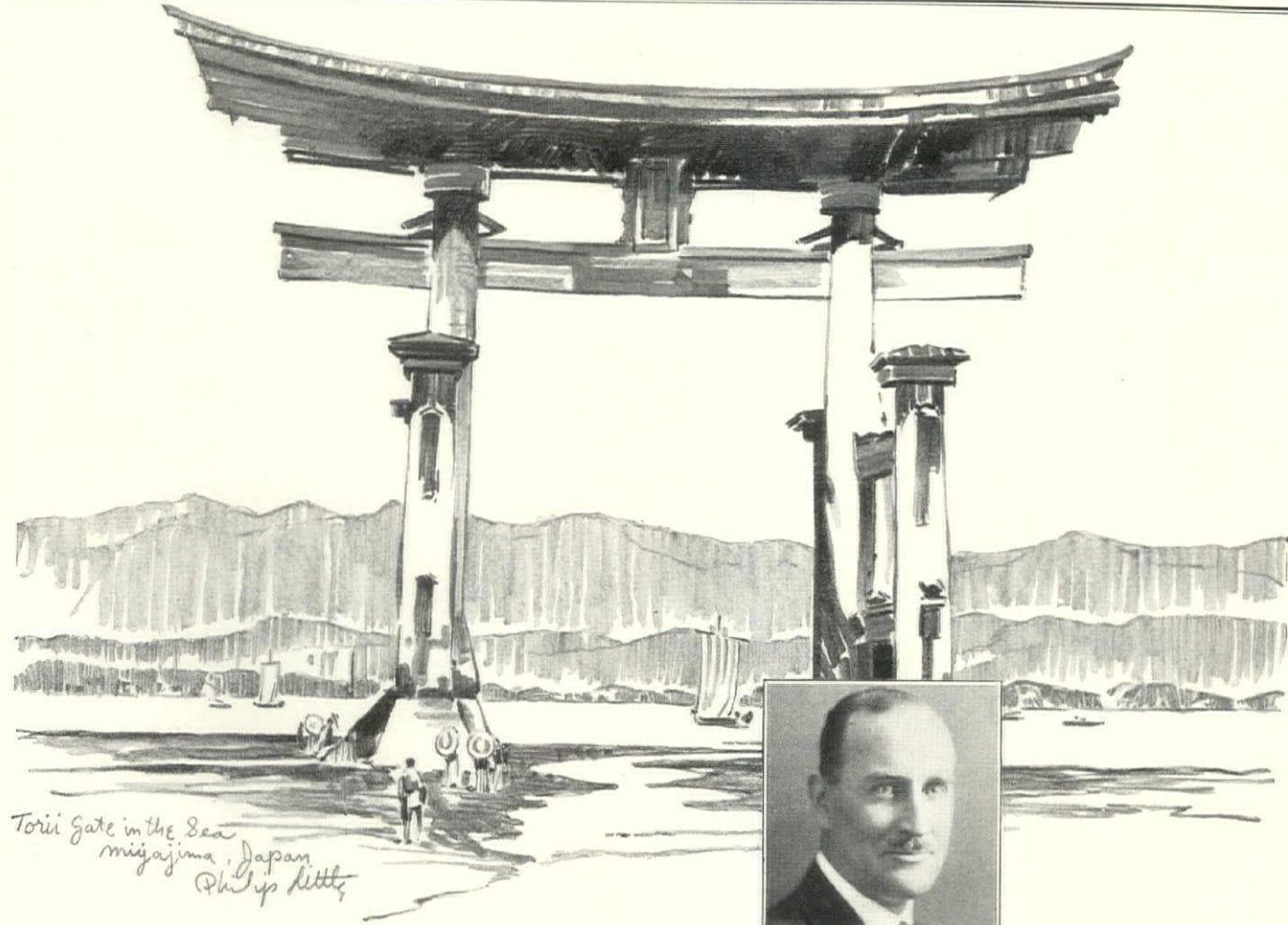
To admit you've never been abroad is often as embarrassing as being unfamiliar with the classics. In the life of today one is as essential as the other. Of course, when you go, travel correctly. Choose either a White Star, Red Star or Atlantic Transport liner. It makes no difference whether you go First Class or TOURIST Third Cabin. You meet the world's charming cosmopolitans. The life on board, social and sports, is diversified, interesting and always thoroughly enjoyable. But if you are esthetic by nature the comfort of the salons and the out-of-way nooks on the broad decks have a strong appeal.



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HARRY A. FRANCK

## Why you will linger, enchanted, in Japan

**Y**OU will, of course, wish to take advantage of that stopover privilege in JAPAN. Whether the rice-fields, terraced in broad low steps to the hill tops, are shimmering with flooded young green, peasant women knee-deep in work in them, or are golden brown with harvest-time, the rice already being thumped out on round stones, Fujiyama's peerless form, topped in snow-white, will stand forth like a phantom mountain from some fairy tale illustrated by an inimitable Japanese artist.

"Naturally, you will wish to see Tokyo, a metropolitan area as populous as Chicago, the contrast of modern sky-scrapers and factories and champion baseball teams with Shinto temples and paper house walls and ponderous wrestlers by the ancient Nipponese code. Nikko, certainly, with its cryptomerias, its sacred red lacquered bridge, its awesome temples and ancient royal tombs. Perhaps you will go on to see the 'hairy' Ainu of the north island, quite comfortably within reach nowadays.

"Of Yamada-Ise, center of Shintoism, or the streams of pilgrims in costumes of olden days, climbing on foot or by coolie-borne hammock chair, to the summit of Koyasan, sacred to Buddhism, you will carry memories all your days. Kyoto, the old capital, with much more than its world famed temples to recommend it, cannot wisely be missed. Nor Nara, with its hundreds of chummy sacred deer and its peerless temple bell. . . .

"Osaka, teeming modern city of more than two million people, yet with many a reminder of the quaint days before our Commodore Perry broke through the wall in which suspicious Nippon had hermetically enclosed herself for centuries . . . or nearby Kobe, Japan's most important port, and a city in itself, where the liner will pick you up . . . unless . . ."

Harry A. Franck

World Traveler and Author of  
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"WANDERING IN NORTHERN CHINA,"  
"EAST OF SIAM."



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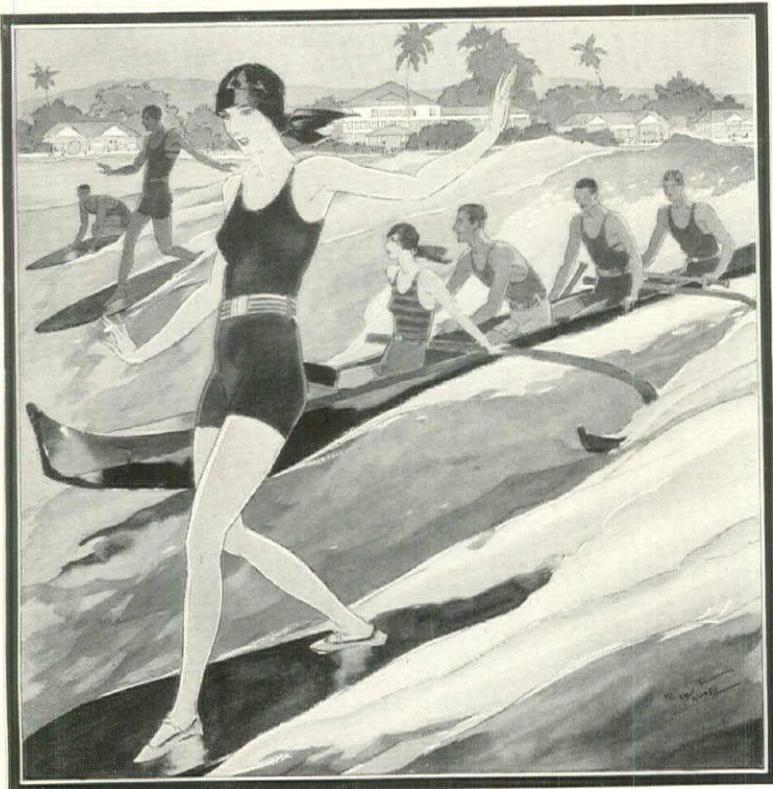
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WHAT a summer's vacation it will be—to live for a few weeks where the water is a place to play, and not just a way to cool off! Where the air is almost as cool as the smooth green breakers that slide and rustle on the coral sands!

Here are long curving beaches sparkling with gayety and color, where pleasure-bent throngs from every continent gather for a holiday. Tiny beaches, too, where you can drowse all day in the shade of a rustling coco palm.

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Golfcourses everywhere. Motoring, sightseeing, cruising among the fairy islands of Oahu, Kauai, Hawaii and Maui. Hawaiian

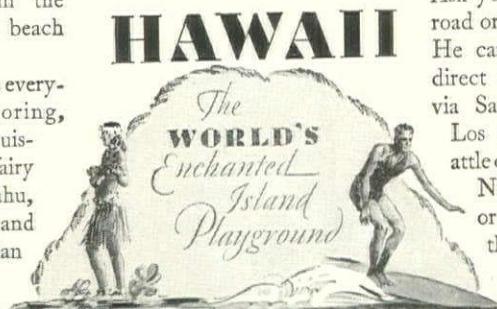
music and dancing, strangely beautiful. Volcanic marvels in Hawaii U. S. National Park, where giant tree ferns line the motor road to Kilauea's mammoth steaming crater. Great game-fishing off the Kona Coast.

Fast trains and steamers bring Hawaii near enough for less than a month's vacation. The trip is only 2,000 miles (four to six days' delightful voyage) from the Pacific Coast, and all-inclusive tours range upward from \$300 for three weeks, to \$400 and \$500, including all steamer fares, hotels and sightseeing, for a month's trip with two weeks or more ashore. De luxe accommodations, also, that are equal to those of Europe's most renowned resorts.

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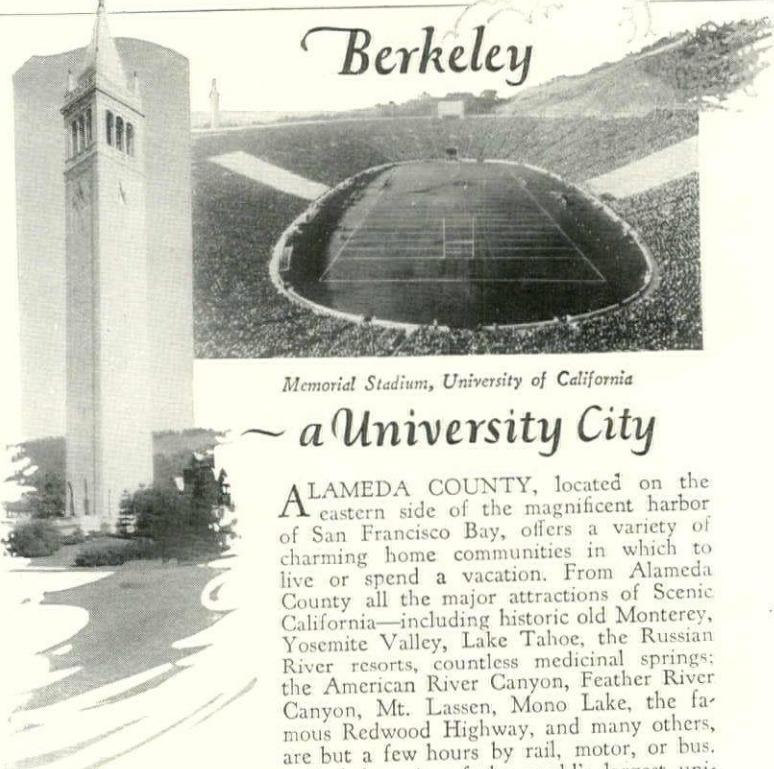
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ALAMEDA COUNTY, located on the eastern side of the magnificent harbor of San Francisco Bay, offers a variety of charming home communities in which to live or spend a vacation. From Alameda County all the major attractions of Scenic California—including historic old Monterey, Yosemite Valley, Lake Tahoe, the Russian River resorts, countless medicinal springs; the American River Canyon, Feather River Canyon, Mt. Lassen, Mono Lake, the famous Redwood Highway, and many others, are but a few hours by rail, motor, or bus.

Berkeley, site of the world's largest university and cultural center of the west, with its own delightful charm—invites you to stay while seeing Scenic California. Here are the courts where Helen Wills trained for the tennis battles in which she won the world's championship for women. Here is the home of the University of California crew, champions of the 1928 Olympic Games—many who have become world figures in amateur athletics claim California as their alma mater.

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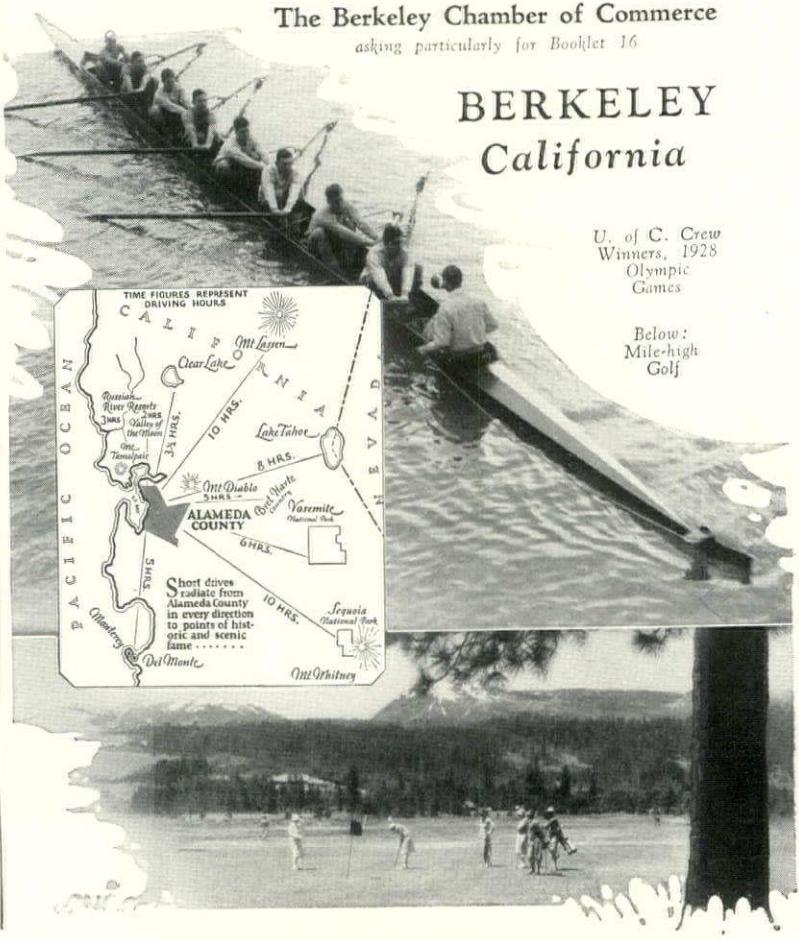
### The Berkeley Chamber of Commerce

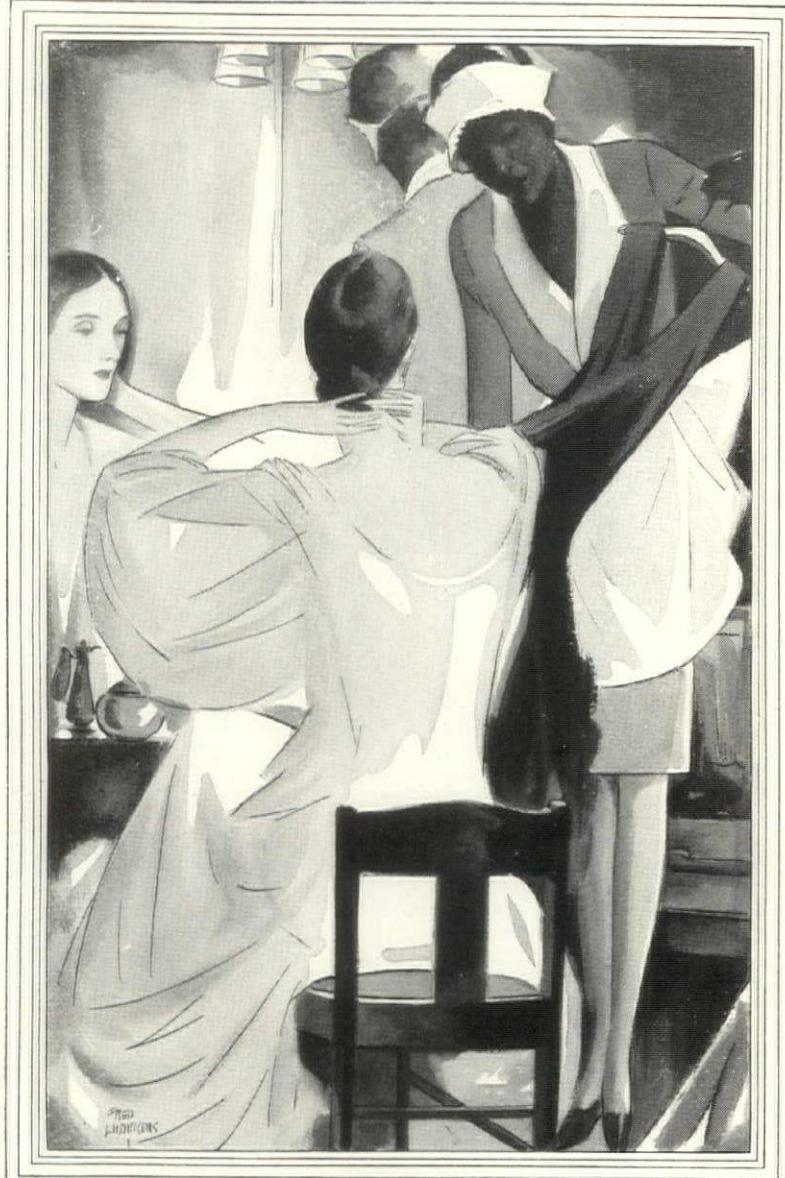
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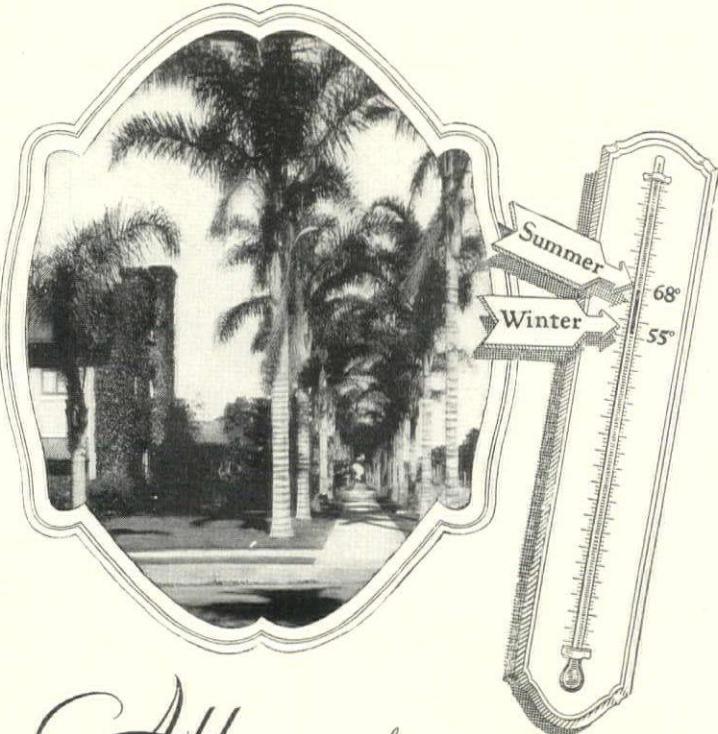
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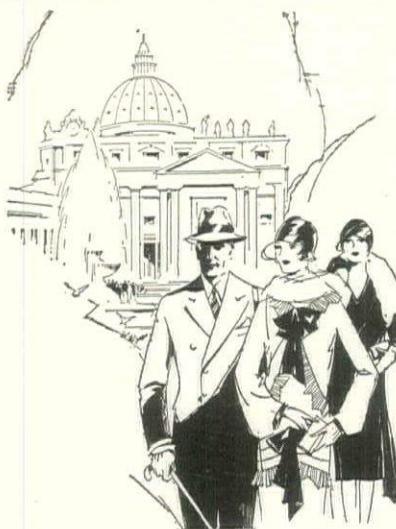
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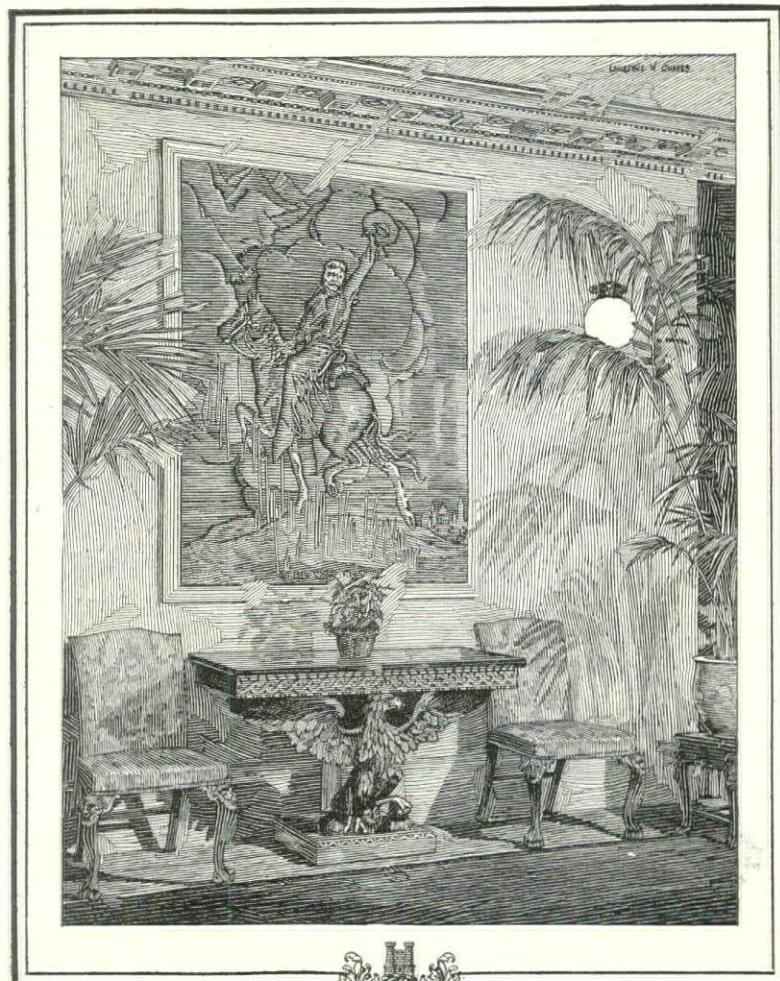
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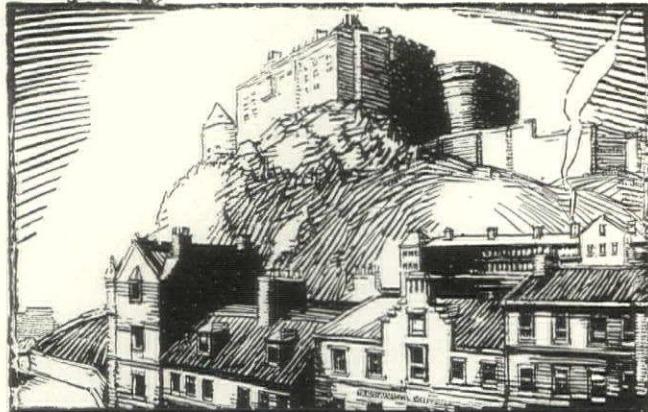
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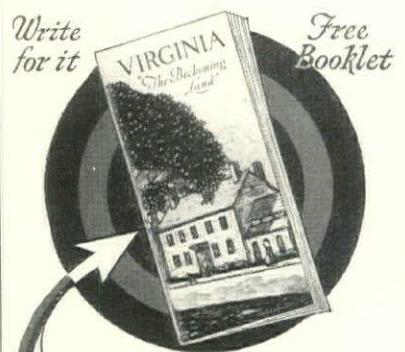
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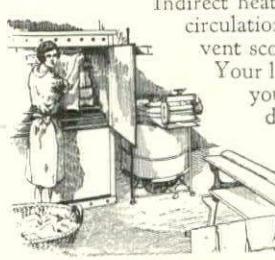
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VIEW ALONG THE VILLAGE GREEN—GROOMBRIDGE VILLAGE—ENGLAND

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Heretofore the task of reproducing the ancient tile roofs of England has been a difficult one. These mellow-hued tiles, softened by soot and worn by the elements, apparently defied simulation.

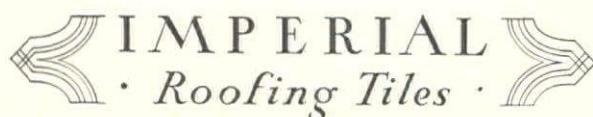
But now it is possible to give the English-type house an *authentic* roof . . . one that will seem to have been transported bodily from Old England. For this company's artisans have succeeded in producing tiles which in color and texture appear to have been weathered by many centuries of exposure.

IMPERIAL Antique Shingle Tiles are actual reproductions of the crude, hand-made product of Elizabethan days. Rough in texture and mellow in tone, they may be laid in any desired combination of colors.

In addition to imparting an effect of age-old beauty, IMPERIAL Roofing Tiles assure perpetual protection from fire and the elements. Yet the less expensive ones cost no more than a non-fire-proof roof which must periodically be renewed. Write for further details.



*Detail of IMPERIAL Antique Shingle Tiles, showing how closely they approximate the roof of the centuries-old English cottage pictured above*

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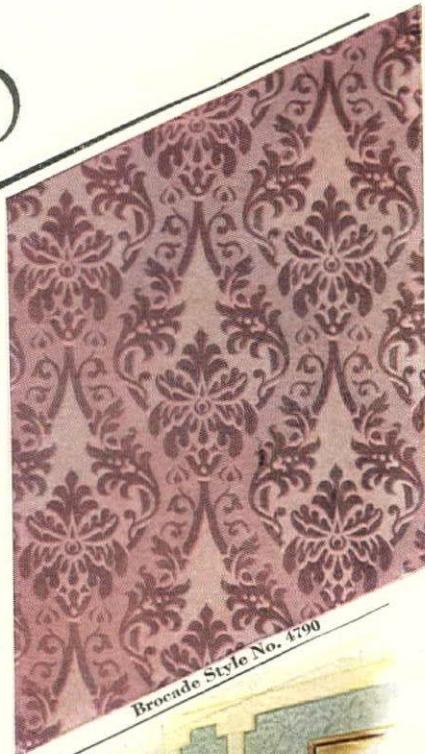
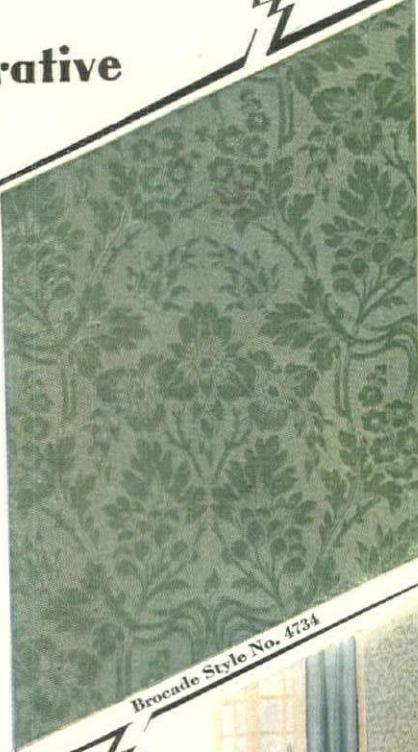
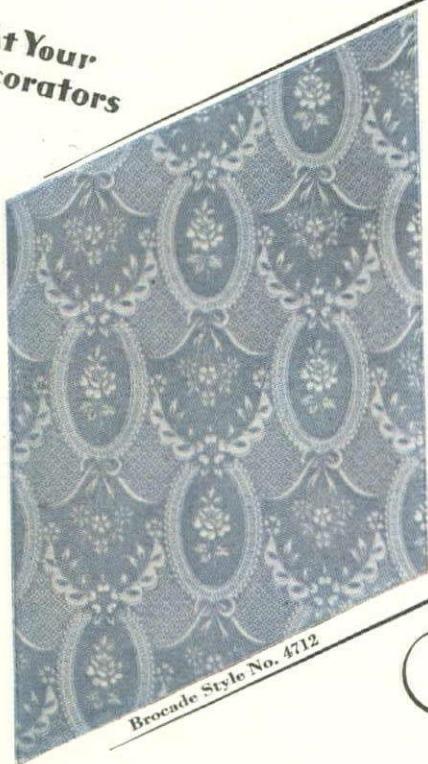
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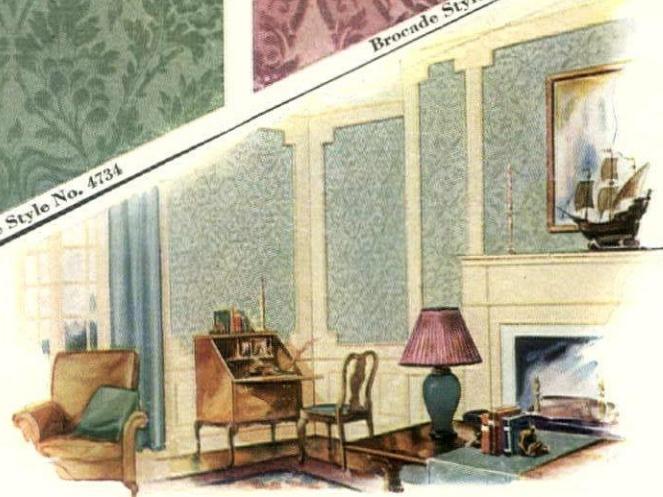
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Brocade Style No. 4734

Brocade Style No. 4790



THIS group of decorative wall coverings, belonging to the Sanitas family, is so distinctive in texture and color tones that it is impossible to show the real beauty of the fabrics even in color printing.

They have a rich, lustrous, satiny finish, the delicate embossing reflecting lights and shadows in a most pleasing manner. While they remind one of expensive, imported brocades, please remember that after all they are just as practical as other wall fabrics in the Sanitas line.

Metalline Brocades are ideally suited for wall panels in rooms where rich effects are desired, at a fairly moderate cost.

These fabrics, like other Sanitas styles, will not crack, tear or peel, and they are cleanable.

Your decorator will gladly show you Metalline Brocades as well as Sanitas styles for every room in the house.

If your decorator cannot show you the Sanitas Sample Book containing the complete line, write us.

Write us for samples and descriptive booklet

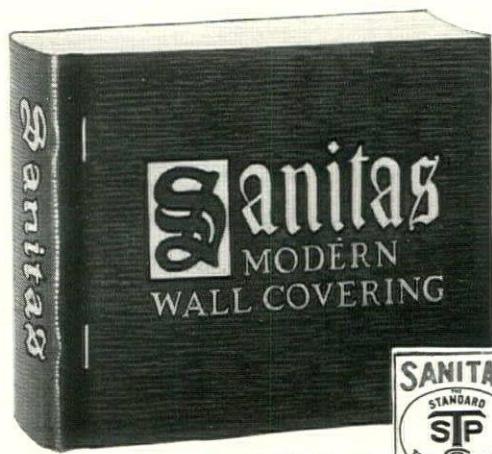
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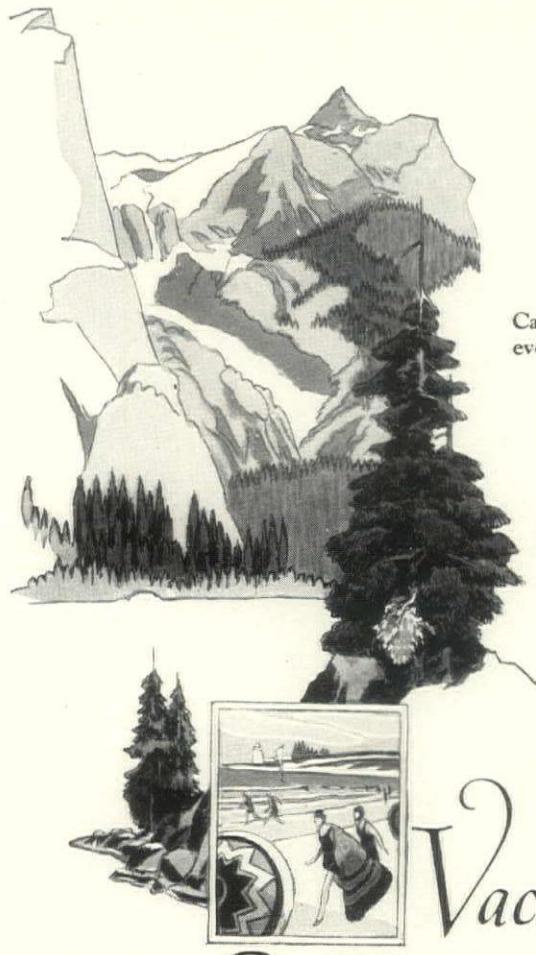
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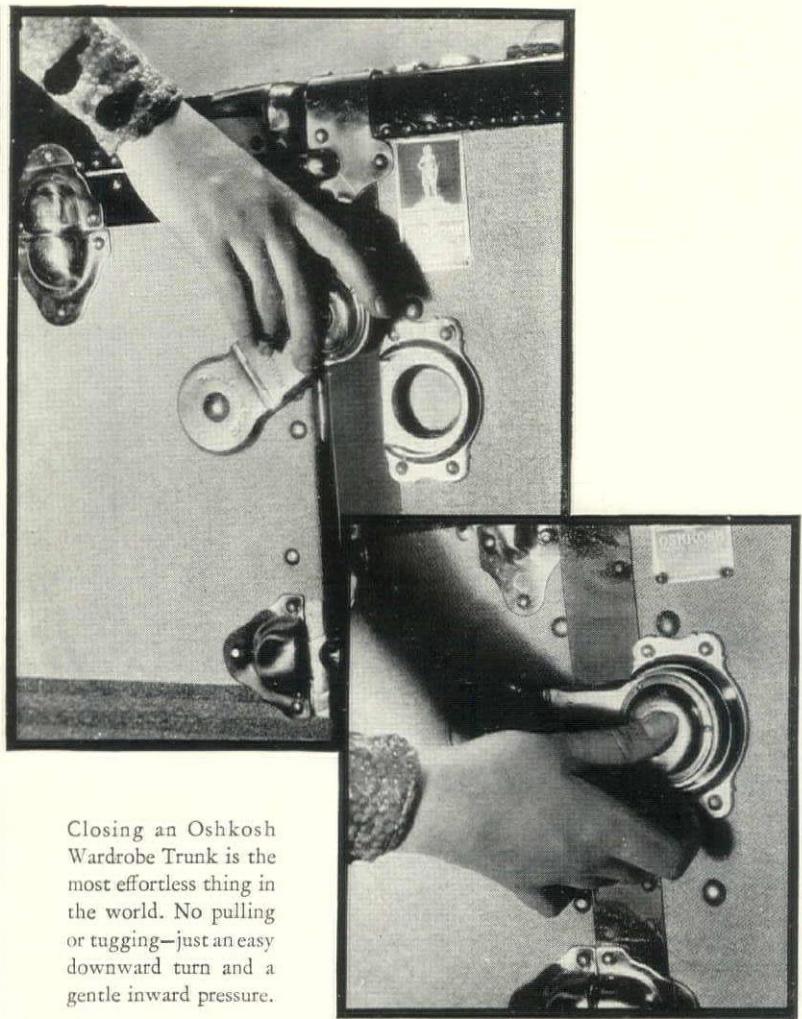
For booklets and information on Canada's vacation lands, consult the nearest Canadian National office.



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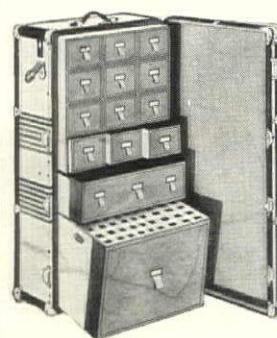
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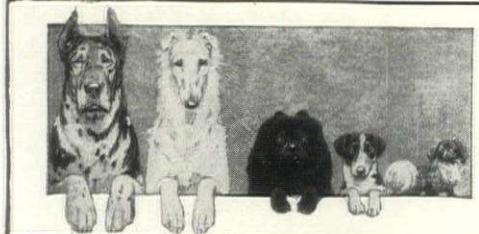
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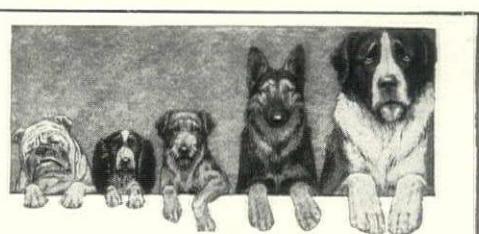
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## DISTEMPER PREVENTION

By ROBERT S. LEMMON

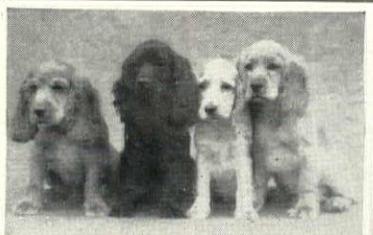
AFTER five years of unremitting investigation and experimentation by Drs. G. W. Dunkin and P. P. Laidlaw of England's Medical Research Council, the welcome announcement has recently been made by the London Field that the long-sought preventive treatment for distemper has been found and proved beyond a shadow of doubt. Thus those who have contributed to the Field Distemper Fund in this country and abroad have the satisfaction of knowing that their interest and co-operation have been abundantly rewarded.

The full report of the investigators is far too long to be set down here, but the gist of its conclusions is as follows:

Distemper is not caused by the germ *bacillus bronchisepticus*, as was formerly believed by many who were working on the problem. It results from a virus or ultra-microscopic organism so minute that it cannot be caught even by the finest laboratory filter. Consequently, the immunization treatments which have been worked out from time to time on the *bronchisepticus* theory are valueless.

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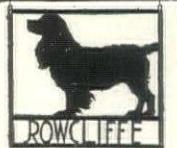
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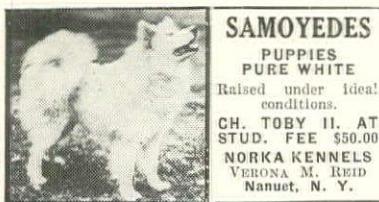
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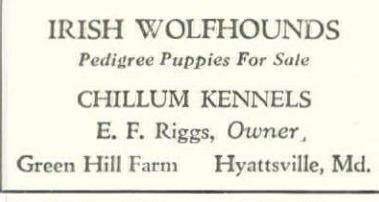
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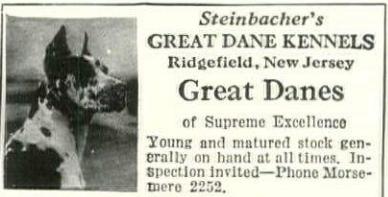
The secret of this greatest of canine scourges has thus been discovered and can be successfully fought, but much remains to be done in perfecting the treatment and making its widespread use practical. The work of the Fund must go on, to find if possible a preventive serum to replace or supplement the vaccine and possibly render the double inoculation unnecessary. This will take more money and more time, but if it can be done the complete disappearance of distemper from the dog world will be brought immeasurably nearer.

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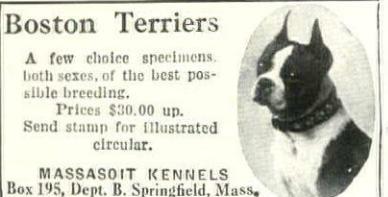


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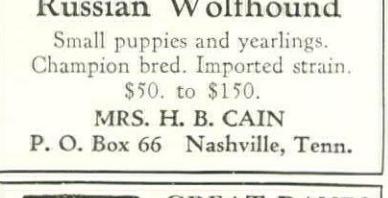
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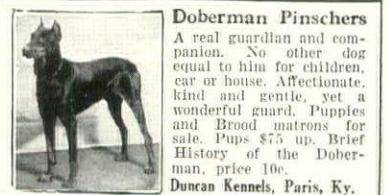
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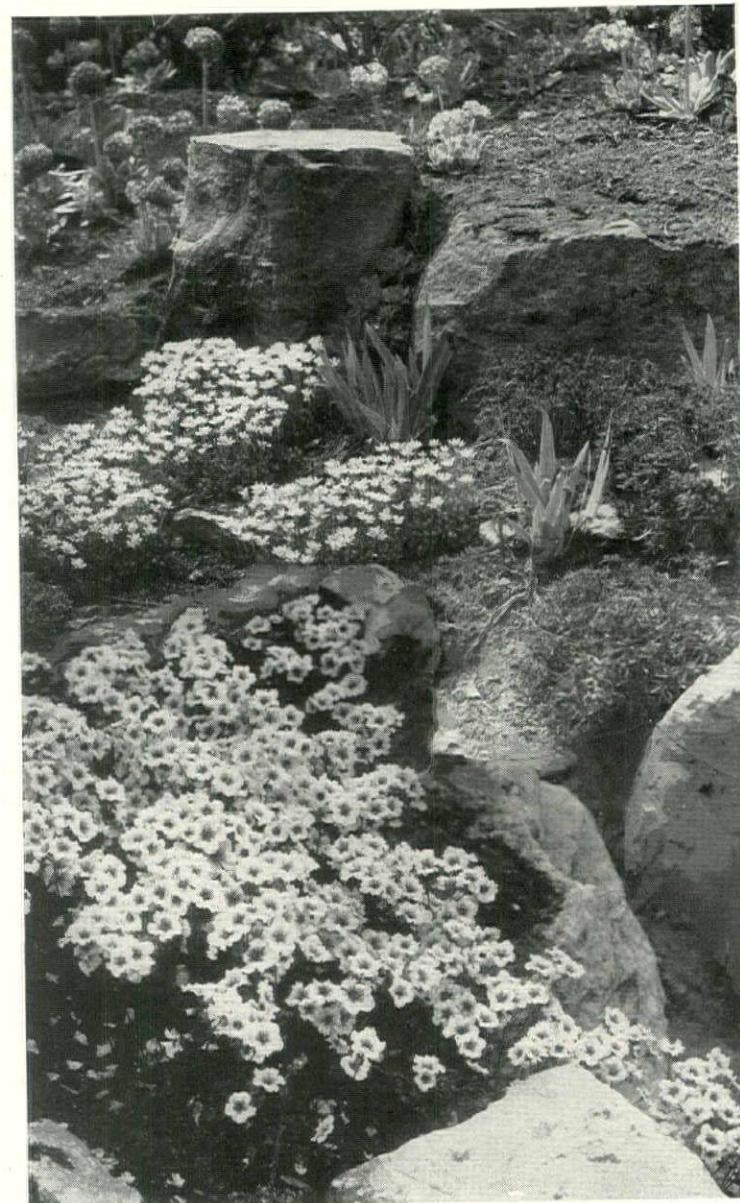
MARCH ALREADY! And what have you done for your garden? Did you order your seeds and plants in February? Is a scale-plan of your garden already pinned up on the flower-room wall, with your landscape plan sketched into bed and border spaces? Are you clipping the Gardener's Guide out of an extra copy of March House & Garden, to keep handy by your seed flats?

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### Furniture

**Feb.**  
The traditional—and the modern—always the best of both. How to achieve modernity in old surroundings—how to give stability and dignity to the newest things. Everything that the best decorators are using, their best clients buying—what a mine of suggestions for you!

### Gardening Guide

**Mar.**  
Here's the short cut to a garden that grows no regrets—advice from specialists all over the country—the best of the new varieties and how to treat them. Whether your garden is reckoned in acres or square feet, you can make it a success with this issue.

### Interior Decoration

**Apr.**  
Work that cost thousands—yours to look at, free! Ideas blossom while you turn the pages—things from other people's houses—things from the shops—discussions about color. . . . This one issue may save you hundreds of dollars and months of time.

### Spring Furnishing

**May**  
How to put your town house in the mood of summer—what to do for your country house—the latest, gayest, maddest whims in everything from living room curtains to kitchen furnishings.

### Garden Furnishing

**June**  
Outdoors—the garden is growing new tables, new chairs and summer tea parties, gay new china and glass, as well as the flowers to background lazy hours. Charm costs so little—when you copy House & Garden's suggestions, drawn from all over the world!

### Small House

**July**  
Whether you want a small house because you have a small purse, a small family or just a soul that prefers the small chic to the large—your house is sure to be here, complete to its chimney pots!

### Household Equipment

**Aug.**  
The most practical number of the year—every labor and time-saving device invented in the last twelve months, the whole list carefully censored by House & Garden to include only the very best. Even a new toaster shouldn't be installed till you've read every page.

### Autumn Decorating

**Sept.**  
Here's where you learn just how the pendulum is swinging between the traditional and the modern, for House & Garden has worked six lively months on this number to show you not only what is being done at the moment—but what will follow it!

### Fall Planting

**Oct.**  
The wise garden goes to bed as directed by House & Garden, if it's to wake up next Spring to best advantage. No matter how good a gardener you are—this issue will bring you tips.

### House Planning

**Nov.**  
Whether you've built, are building or plan to build, House & Garden promises to show you how to achieve greater chic for the same money. All sections of the country will be considered—and most purses above the poverty mark.

### Christmas Gifts

**Dec.**  
The secret of never giving the obvious, the commonplace, the "what'll-I-do-with-it" sort of gift is mirrored in page after delightful page. The editors have fine-combed the shops of New York—and you get the benefit without moving out of your most comfortable chair.

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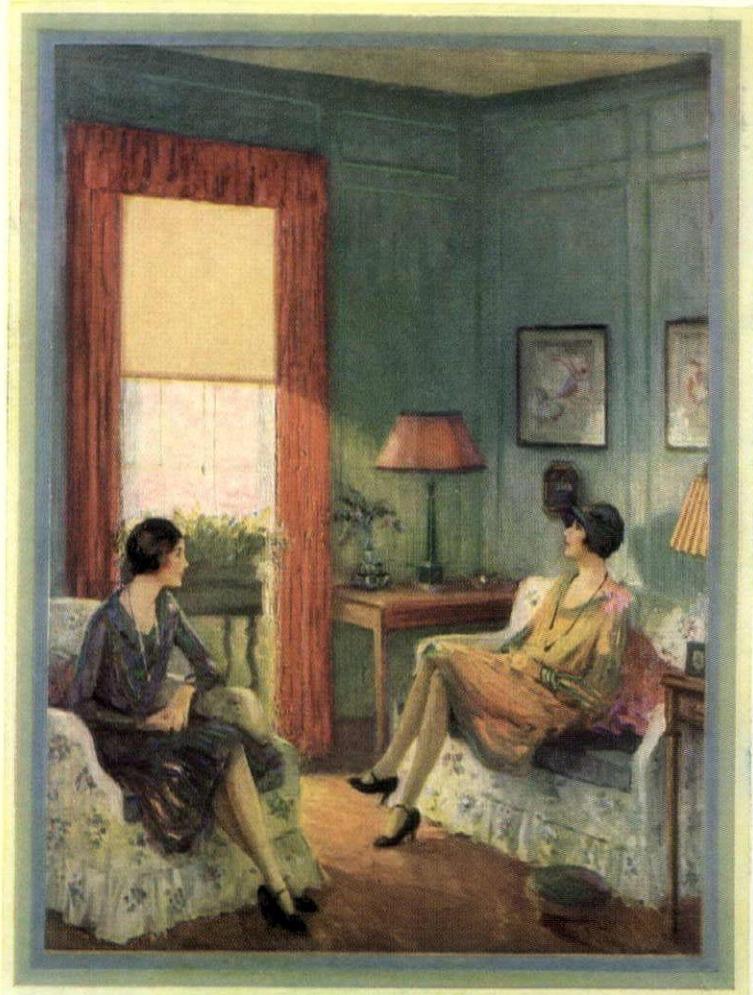
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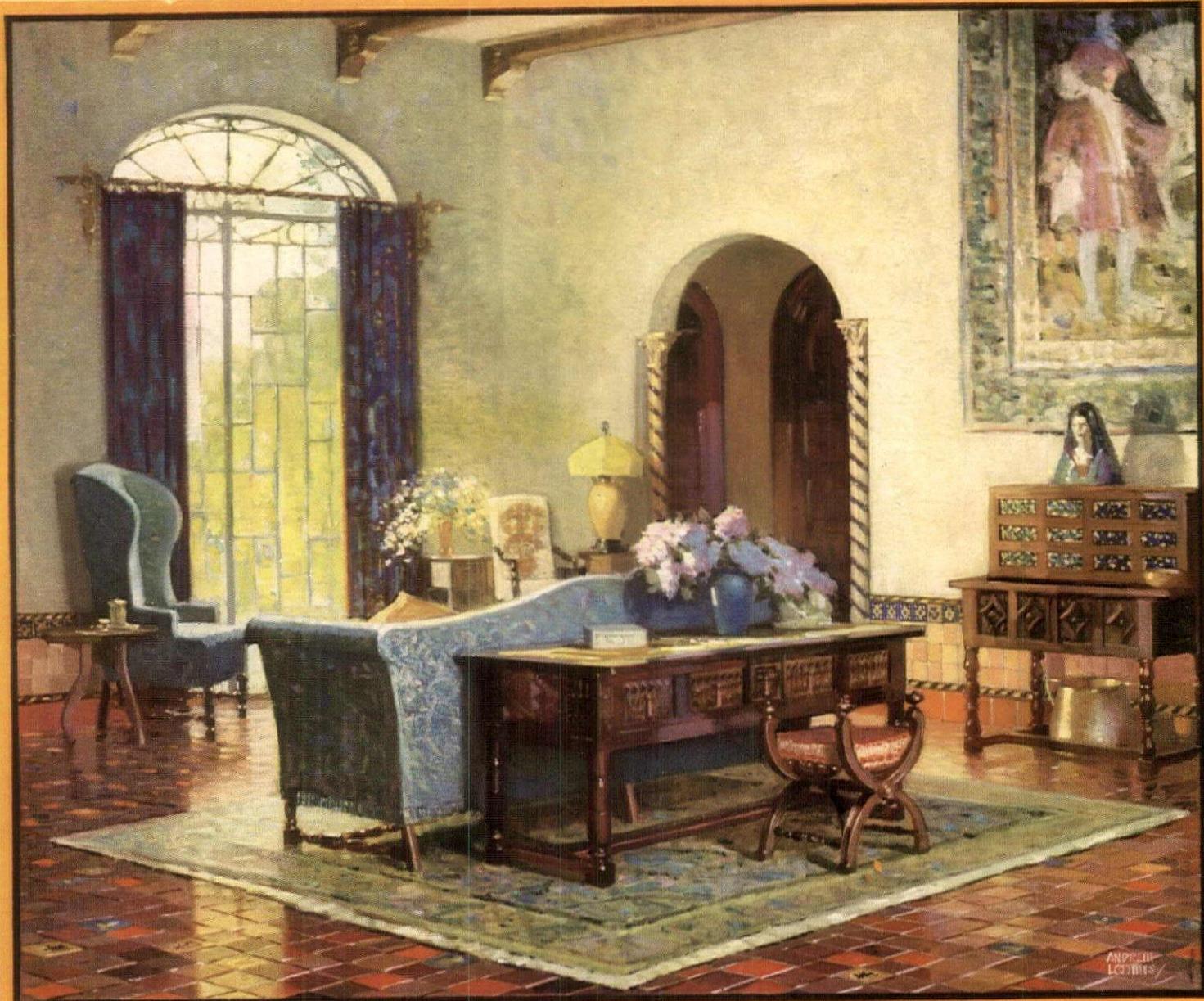
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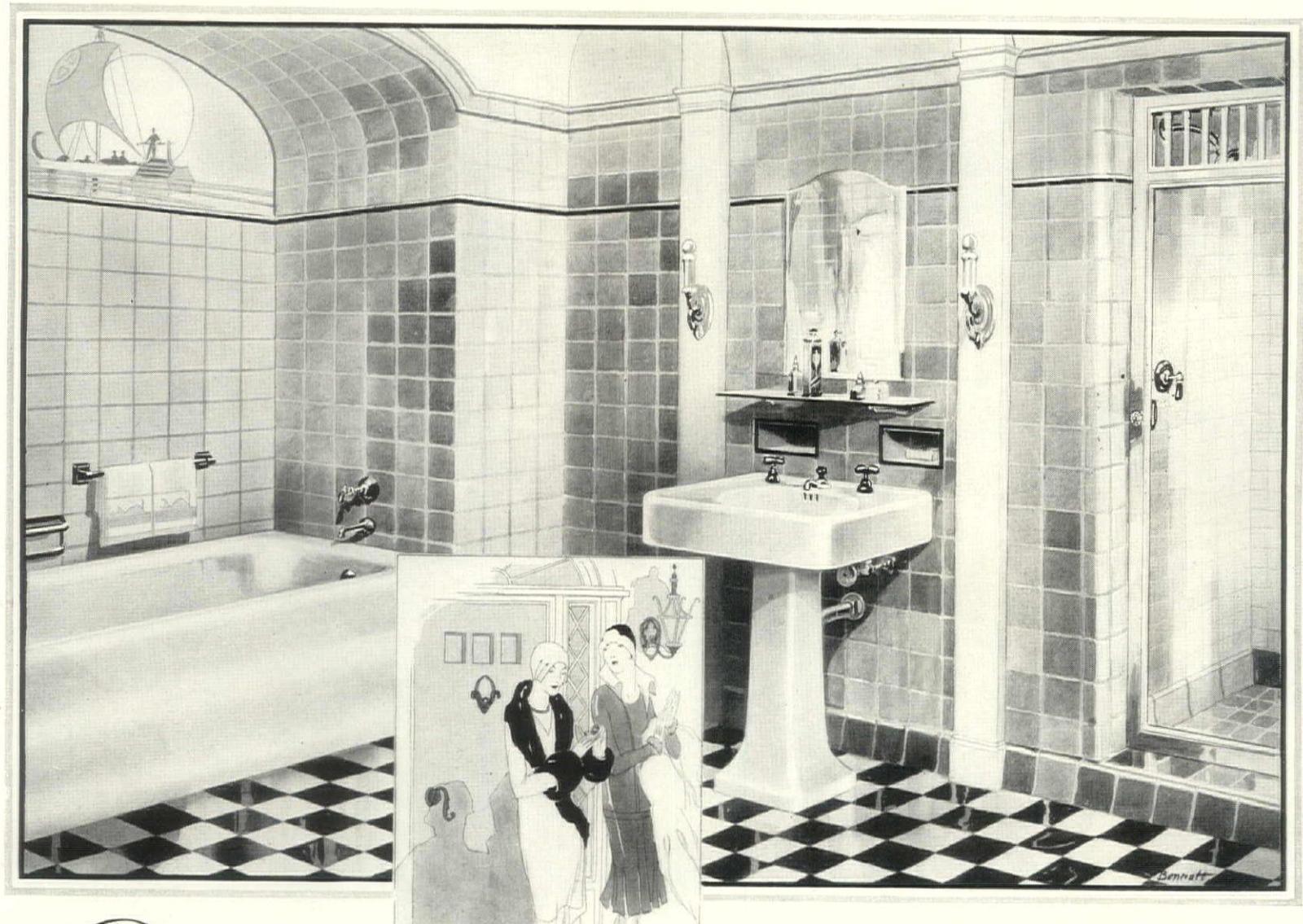
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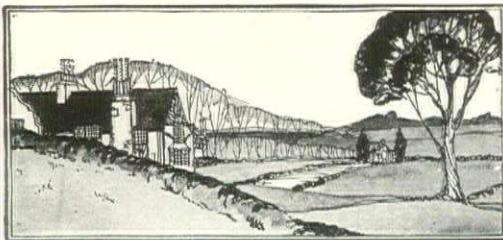


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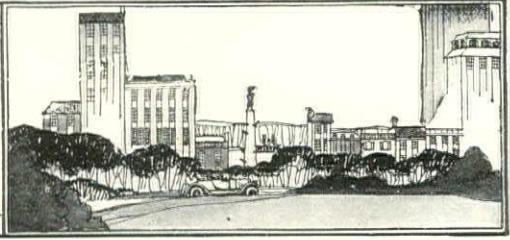
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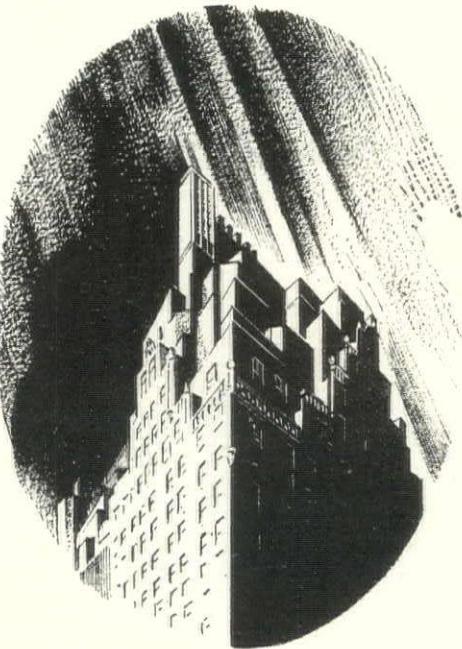
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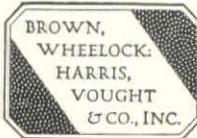
Apartments at 730 Park Avenue will have an unusual number of attractive balconies, loggias and terraces—owing to the recessment of the floors. They will have from 7 to 17 rooms—large and well planned—with reception rooms, libraries, large foyers, breakfast rooms. From 1 to 4 fireplaces and as many as 27 closets.

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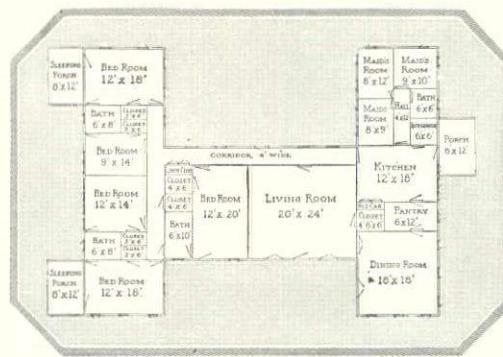




## IF TODAY YOU HAVE THE SITE AND THE IDEA *in a short time you can have your summer home—complete!*

You wouldn't want an umpteen-room palace for your summer play-home. The servant problem is bad enough as it is. But you *can* have an attractive summer home in your favorite vacation spot . . . a home invitingly simple, perfect in taste . . . and you can toss over your shoulder the cares and worries of building, and be ready to move in almost before you know it. Have you considered a Hodgson House?

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*Here is the floor plan of the Hodgson House shown above. The Hodgson booklet also pictures and prices furnishings, garages, and lawn and garden equipment—bird houses, dog kennels, arbors, poultry-houses, etc.*

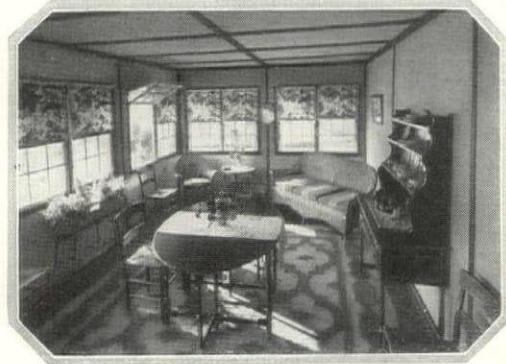
architecturally "at rest" in the most picturesque surroundings. Physically "at rest" in the most strenuous weather. Comfortable, durable, hospitable, roomy—and they can be enlarged at any time without spoiling the plan.

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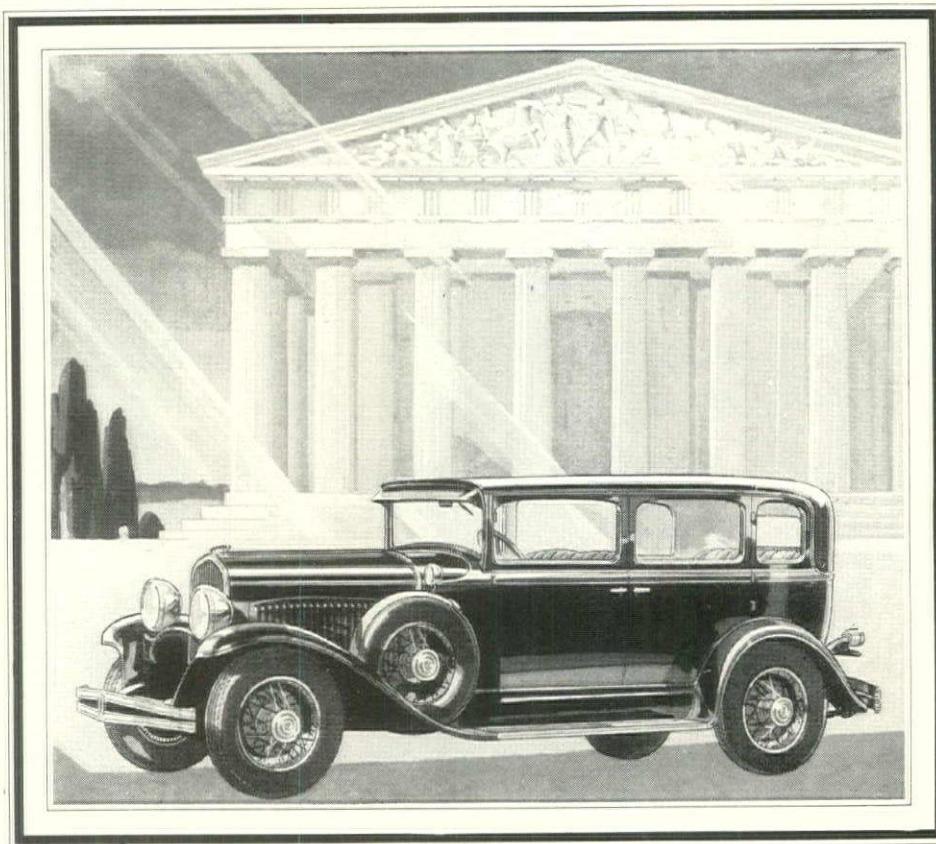
Send for the free booklet G. Besides the plans and pictures it gives prices and complete information. Write to E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, or 6 East 39th St., New York City. Also Bradenton, Florida.



# HODGSON *Houses*



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A CHRYSLER MOTORS PRODUCT

Chrysler's classic style and beauty have won the admiration and enthusiasm of thousands of motorists the country over — New Chrysler "75" Royal Sedan, illustrated.

**FOR the first time**  
*in the history of motor car design an authentic system has been devised, based upon the canons of ancient classic art.*

Chrysler designers realize fully that beauty is an elusive thing and that the pursuit of it in motor car design must not be hampered by too rigid adherence to laws and conventions.

But Chrysler has also found that there are so many glorious precedents and inspirations in art, architecture and design, that the search for authentic and harmonious symmetry can actually be reduced to something like a scientific system in which results are certain.

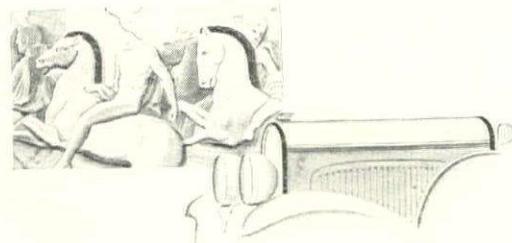
Chrysler has left nothing to chance . . . Chrysler has not relied alone upon the inspiration of individual designers.

Chrysler has sought instead to do something never done before in motor car design—to search out *authentic forms of*

beauty which have come down the centuries unsurpassed and unchallenged and has *translated* them in terms of motorcar beauty and motorcar utility.

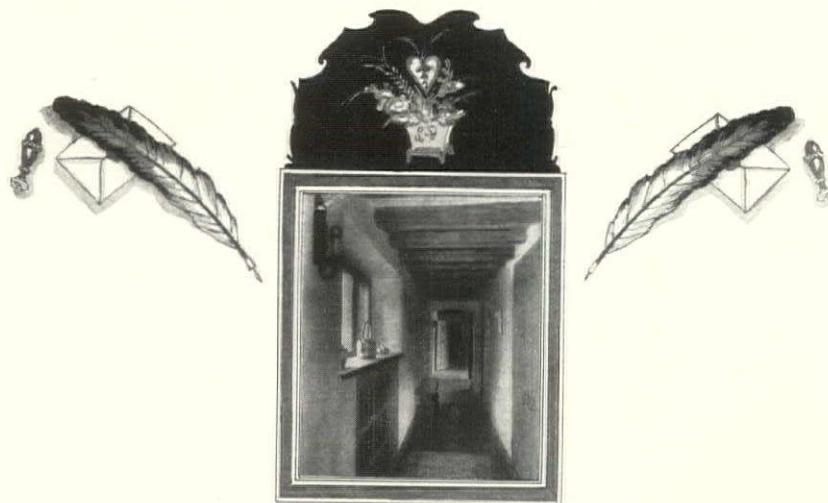
The lengths to which Chrysler designers have gone in this patient pursuit of beauty will doubtless prove a revelation to those who have probably accepted Chrysler symmetry and charm as fortunate but more or less accidental conceptions.

*The Chrysler process goes far deeper than any charming but accidental conception.*



Chrysler's matching of the exclusive slender profile radiator with the cowl bar moulding has its inspiration in the repetition of motif in the historic frieze of the ancient Parthenon.

New Chrysler "65"—Six body styles priced from \$1040 to \$1145 . . . New Chrysler "75"—Nine body styles priced from \$1535 to \$2345 . . . New Chrysler Imperial—Five custom body styles priced from \$2675 to \$3475. All prices f. o. b. factory.



# HOUSE & GARDEN

RICHARDSON WRIGHT, *Editor*

ROBERT S. LEMMON, *Managing Editor*

**G**ARDENERS, it would seem, fall into two classes—the horticulturists and the landscapists—those who grow trees, shrubs, flowers and vegetables for the particular interest each individual type of plant offers; and those who grow them for the landscape effects they make when combined with each other. To the former, gardening is a science; to the latter an art.

These two distinctions may appear finely drawn, but going among gardeners one will eventually discover that the divisions are true, and men and women gardeners alike fall into them with the snug click of nickels into a subway entrance gate. For the horticulturists' gardens are often a dazzling jumble of color and form and variation, and the landscapists' gardens are restrained, set and disciplined and usually limited in plant material to a few kinds. The one garden is a heterogeneous collection like a crowd of people, the other a well-selected company. Nor can it be said that one is a finer garden than the other because each is planted for a different purpose. To compare them would be wrong because the two are based on such radically different beliefs and interests.

But whether one's garden be horticultural or landscaped, whether to one gardening is a science or an art, the point at which these two widely different practices meet is in the gardeners themselves. They meet on the soil. And the way to judge them is by the condition of their hands and clothes. For the ultimate test of any gardener's sincerity and love is

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## MARCH, 1929

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<i>The Bulletin Board</i>	81
<i>Waterlilies Spread Their Feast</i>	82
<i>Jewels of the Garden</i> —By Romaine B. Ware	83
<i>In A California Courtyard</i> —Charles G. Adams, <i>Landscape Architect</i>	87
<i>The Scouts of Spring Ride North</i> —By Robert S. Lemmon	88
<i>The Birch Allée</i>	89
<i>The Renaissance of the Hybrid Perpetual</i> —By J. H. Nicolas	90
<i>Seed Sowing As It Should Be Done</i> —By F. F. Rockwell	92
<i>Borders That Are Always Green</i> —C. Carpenter, <i>Landscape Architect</i>	93
<i>A Garden to the Tree Tops</i>	94
<i>Shrubs in the Garden Picture</i>	95
<i>Flower Worthies from the Rocks</i> —By Louise Beebe Wilder	96
<i>The Making of Paper Screens</i> —By William I. Tucker	98
<i>Modernism Reaches the Mantel</i>	100
<i>Illuminating the Modern Desk</i>	101
<i>For the Dressing Table of Today</i>	102
<i>A Little Portfolio of Good Interiors</i>	103
<i>Painted Mirrors</i> —By Robert Pichenot	107
<i>An Outline of Gothic Furniture</i> —By Mr. & Mrs. G. Glen Gould	108
<i>Versatile Library Steps</i> —By Harold D. Eberlein	110
<i>An Indoor Pool</i>	112
<i>House &amp; Garden's Modern House</i> —By Robert E. Locher	114
<i>Schemes for a Daffodil House</i> —By Agnes Foster Wright	116
<i>Porto Bello</i> —LeRoy P. Ward, <i>Architect</i>	117
<i>Remodeling a 19th Century Brick House</i> —Huszagh & Hill, <i>Architects</i>	121
<i>Paving in Three Old Styles</i> —Arthur F. Meigs, <i>Architect</i>	123
<i>Primroses from Foreign Lands</i> —By E. H. Wilson, V. M. H.	124
<i>House &amp; Garden's Gardening Guide</i>	126
<i>Planning a Colorful Kitchen</i> —By Elizabeth Hallam Bohn	132
<i>At Thimble Farm</i>	133
<i>The Gardener's Calendar</i>	136

the amount of good rich soil clinging to his or her person. A gardener is no gardener at all unless he be a dirt gardener. Merely dilettante dabbling with pretty flowers on a sunny day is no proof of garden love. The proof lies in tired muscles and soiled hands, in the vigilance against pest and disease, in the knowledge of each kind of plant as it advances from seed or root or bulb to its uttermost flowering and fruit.

To dirt gardeners gardening is more than a science, more than an art: it is a way of life. It is a path that leads out from the conflict of ordinary circumstances to the tranquil and vast meadows of a new world. It is a habit that satisfies the animal in us, for the body must function if we would really do our work. At the same time it is a practice that satisfies the longing of the spirit in us, for it affords constant and vivid compacts with Reality.

The average life of today—the material or hard-laboring, hard-playing or money-making world—cannot be passed through without leaving its soot upon us. The dirt it lays on our hands is a dirty dirt. And many of us, alas, cannot see that it is there. But the dirt that is upon the gardener's hands is a clean, obvious dirt. It is, moreover, a cleansing dirt, for it will wash away the soiling of the world, it will scour clean and bright the tarnished hands we bring to it.

The practice of dirt gardening, then, is even more than a way of life; it is a way of salvation. Happy are the people who choose to walk in it.

## VOLUME LV

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the sign of the nearest Whitman agent—Ask him for Whitman's PLEASURE ISLAND CHOCOLATES.

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## THE BULLETIN BOARD

**L**OCALIZED Tastes. A swing around the vast area of this country soon shows one that taste is a localized affair. Especially is this true of furniture. Here on the Atlantic seaboard Early American and Modernist designs run neck-to-neck in popularity and Spanish is little thought of save in the extreme South, in Florida. On the Pacific coast, Early American furniture is scarcely ever asked for, whereas French Provincial in the North and Central parts and Spanish in the South, with Modernism growing in favor, are the trends. Southern California is creating types reminiscent of the furnishings of the missions and even Santa Fé has neighborhood styles. In parts of New England, each district used to have distinctive races of chairs and tables.



**E**ARLY Furniture Migration. It would be pleasant, one of these days, to study the migrations of furniture—to follow the trail of New England heirlooms to the Ohio Valley where the early settlers took it, to trace it on through the opening West as it was carried by pack train and covered wagon to the Coast. Another trail to follow is the wandering of the Windsor chair from its first source in Philadelphia. Boston papers in Colonial times often spoke of it as the Philadelphia Windsor and it took on the added value of being an importation. Yankee cabinet-makers soon copied it, however, so that the general impression is that it came from New England. Being canny folk, Yankees never denied it; and being slow folk, Philadelphia never pressed their claims. So there you are.



**T**HETHE Treasure. Howard Pyle once painted a picture called "And So The Treasure Was Divided". It showed a sunny bit of land on which pirates—big-boned and thick-muscled—sat around gazing at the swag they had captured—the gold and the rich fabrics and the priceless vessels. And so the treasure was divided.

In a short while the treasure of Spring will be spread before us and on many a sunny slope the gold of Narcissi and the rich Tulip chalices and the colorful fabrics that are woven along the border's edge by snowy Arabis and pink Creeping Phlox and purple Aubretia. Golden bells will hang from the Forsythia and many a flowering tree will wear enough blossomy jewels to pay a king's ransom. From the coffers of Winter it has been snatched, from the abundance of the sun and the rich stores of the rain and the hidden caches of the brown earth. Such a treasure to divide! Such a swag of Spring!



**D**AYS Of Waiting. By this time all orders for seeds and plants should have been sent off. What a relief it is to come down to earth again, after spending imaginary thousands for things in catalogs, to come down to the reality of what we can afford or can't do without.

### WILD DUCKS

I heard the wild ducks passing in the night.  
From shadowy skies their call came dimly down,  
And the soft magic of their yearning flight  
Swept the dull spaces of the sleeping town.

Into my chamber came the breath of spring,  
Pregnant with promise from awakening buds,  
Into my heart came fancies billowing  
With the swift rhythm of sun-loosened floods.

I saw the wind-blown crocus on the hills,  
With the bright starring of anemones,  
Heard the thin laughter that the brown brook  
trills  
Under the shelter of low-sweeping trees.

A car clanged distantly, across the way  
A drowsy watchman waked with sudden fright.  
On the dim court a soft enchantment lay.  
I heard the wild ducks passing in the night.

ROSE HENDERSON



**N**EW Names. Among the new names found in this issue of House & Garden are Elizabeth A. Peacock, decorator, whose work is being shown for the first time in these pages; J. H. Nicolas, who besides being an American Rosarian of note, is also Vice-President of the French Rose Society and Fellow of the Royal Horticultural Society of England. We also welcome the opportunity of showing the work of two talented landscapists—Charles G. Adams of Los Angeles, California, and C. Carpenter, who designed the Drury garden at Augusta, Georgia.



### IF SPRING WERE CONSCIOUS

If Spring were conscious of her loveliness,  
And laughing, strewed her duties to the air  
Without a thought for nature's fruitfulness,  
Aware that gods and men forgive the fair—  
If, knowing how her graces could seduce,  
With Aphrodite's mirror in her hand,  
Assured that "Beauty is its own excuse,"  
She flaunted, dancing, through a barren land—  
Would she be exquisite as she is now,  
Absorbed in planting clover for the bees  
Or tilling fields with April's rain-pronged plow,  
And stitching moon-kissed blossoms to the trees?  
Would she be equal fair if, with a toss,  
She left off hiding myrtle in the moss?

ELIZABETH ANN MOSES

**F**OR The Hostess. Perhaps the neatest and most helpful contribution to domestic lore that has appeared of late is a little pamphlet called *For The Hostess*, issued by *Vogue*. Therein are set down the proper usages for all kinds of meals—the usages of linen and silver and crystal and china, together with sundry suggestions as to the courses of which the different kinds of meals should consist. So indicative of taste—or the lack of it—is one's manner of entertaining guests that this little book should prove invaluable and meet with a wide popularity. It is well illustrated, sanely and clearly written and the moderate charge which is made for it puts it well within the reach of all.



**B**EAUTIFUL From The Air. Now that flying has become a commonplace and the sky will soon be filled with people going back and forth through air lanes, roofs have taken on a new value. Hitherto we considered them merely from the viewpoint of the ground or of an upper story window; the next generation will judge their beauty from the air. How fantastic this sounds! But how reasonable! In the days of travel by coach and trolley, the front yard was made beautiful to those who passed. At the beginning of this century many railroads made beautiful with shrubbery and vines their embankments. It follows logically, then, that when our viewpoint shall be that of a bird, the upper aspect of a house will have to be pleasant. Fortunately, our manufacturers of roofing materials have recognized this.

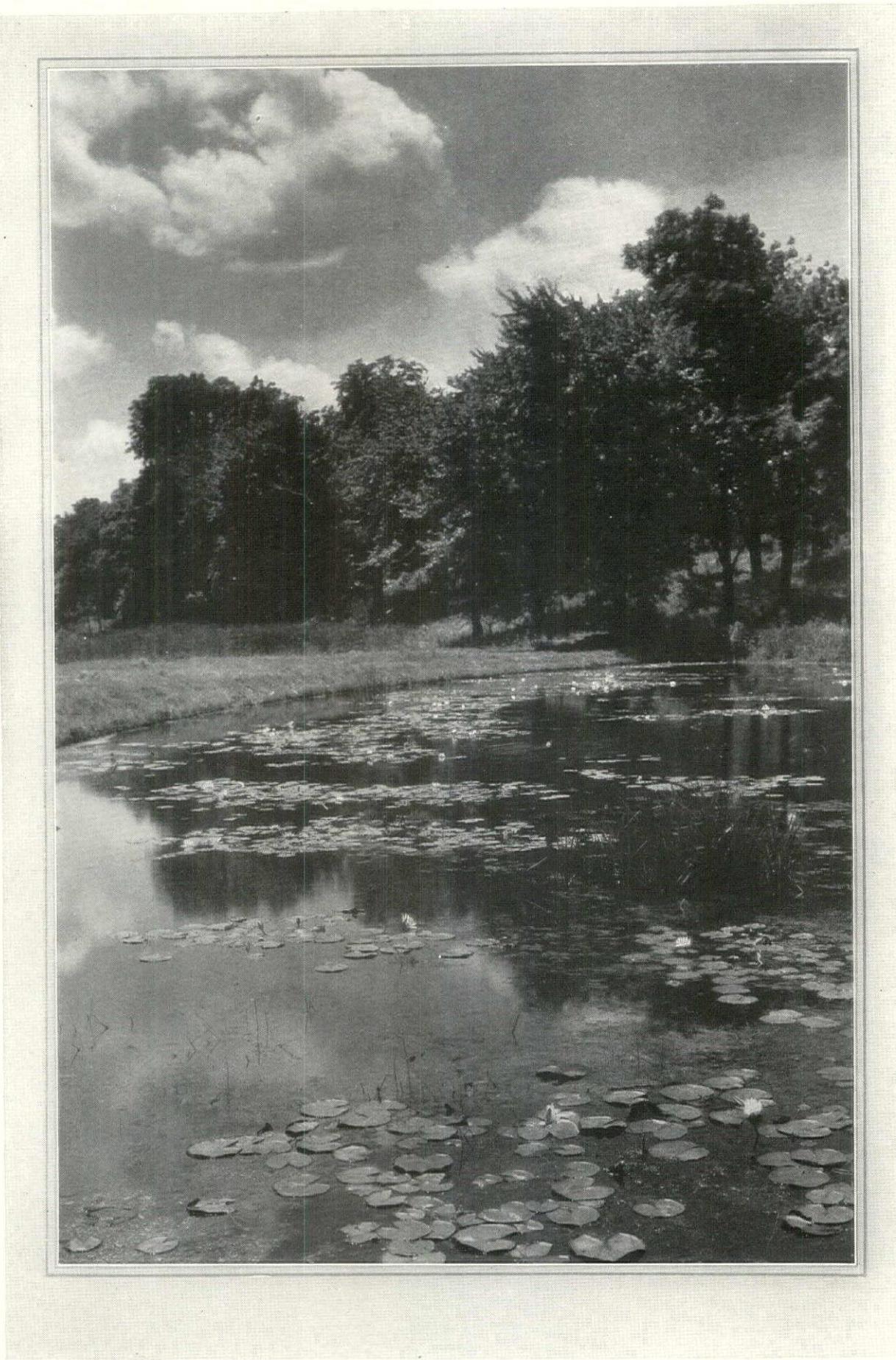


**A**RCADIA Dressed Up. May it be accounted unto us for grace that in the country we refuse to wear dinner jackets during the summer months. The day's gardening done, we exchange the khaki for white flannels and blue coat, and may Heaven throw dust in the eyes of those who would have us do otherwise.

How utterly absurd it is for people living in a simple rural atmosphere and dining out under the stars to deck themselves grimly in city habiliments. Many a sweet old country town has been spoiled by this vain custom. Rustic innocence and the dinner jacket stand at opposite poles. Whenever we meet a man who insists on wearing a dinner jacket in the country we wonder if he isn't afraid of "going native", afraid lest the elements and country ways get under his hide and make him lose his personality. And yet there is no quicker way for a man to submerge himself than by conforming to every artificial custom.



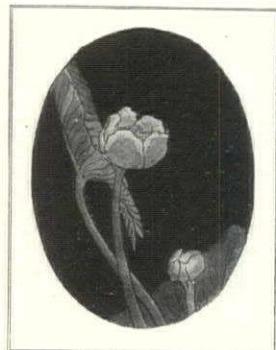
**A**MASTER Passes. The garden world, and the world of Roses especially, will be poorer for the passing of Pernet-Ducher. This French creator of Rose hybrids left a deathless heritage in the superb blooms of Mrs. Aaron Ward, Souvenir Claudio Pernet, Ville de Paris and many another that will live as long as men love Roses.



Harry G. Healy

## WATERLILIES SPREAD THEIR FEAST

*In midsummer the placid surface of the pond is overlaid with the Waterlilies' plate-like pads of green—fit service for the blossom delicacies that rest among them, a banquet of color under the drowsy blue of the sky. Photograph shown by courtesy of William Tricker, Inc.*



## JEWELS OF THE GARDEN

*Exquisite Colors and Forms Combine to Make the Waterlily a Valued Gem*

*To Place in a Setting of Summertime Warmth*

ROMAINE B. WARE

ON a summer afternoon the bench in the shade of the vine-covered arbor is pleasantly cool. Out in front, set in the smooth green matrix of the lawn, the pool mirrors a sky of fleecy white and that unfathomable blue which is equalled at no other season. On the water's surface exquisite blooms in varied colors nestle among bronze-green leaves like the facets of a diamond; from beneath them flashes now and then the gleam of a goldfish. While we watch, a robin comes to splatter in the shallow water near the edge, sending a shower of sparkling drops over the complacent old frog who is luxuriously

sunning himself on a neighboring rock.

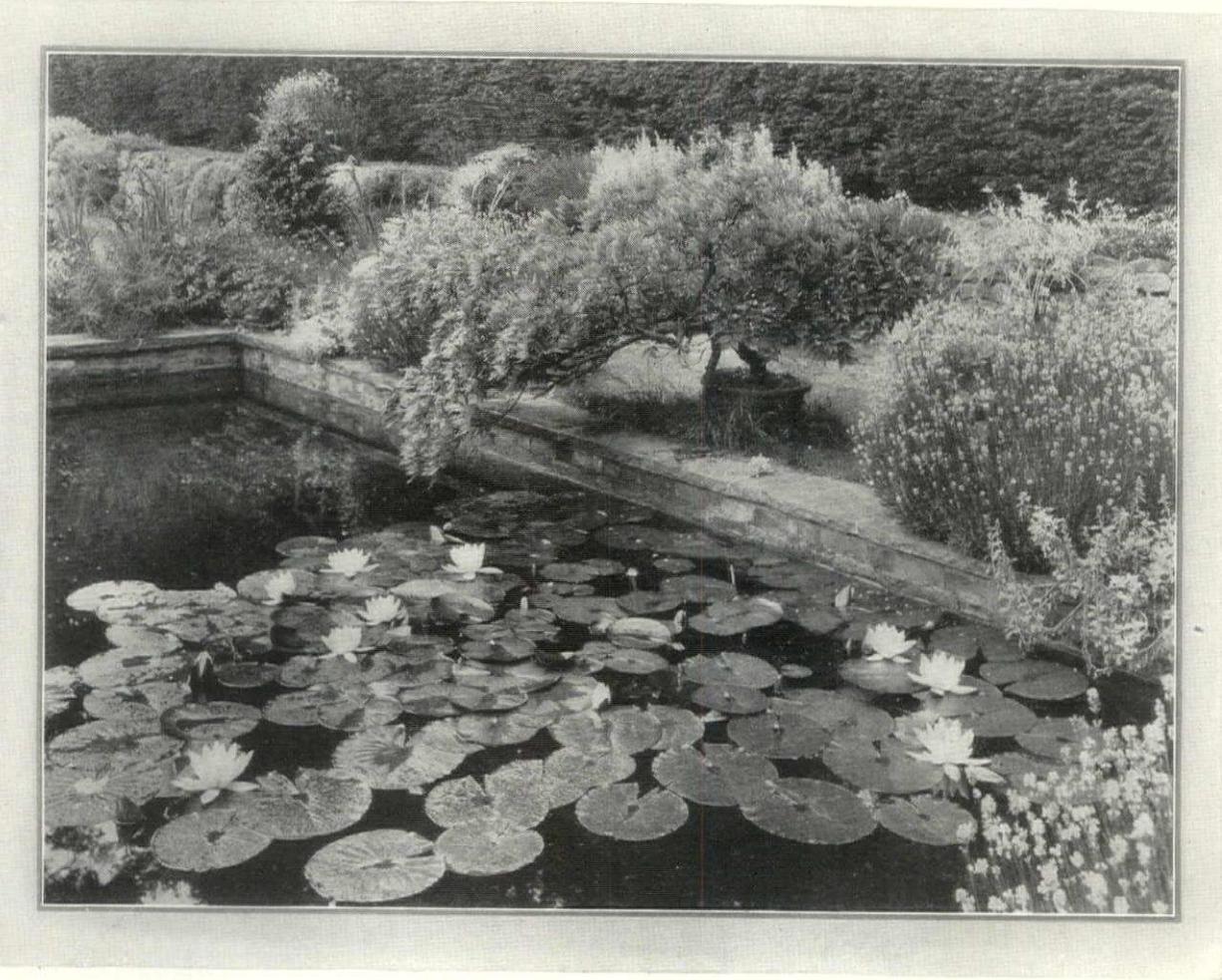
A dreamer's idyll, do you say? Yes, but an idyll that readily comes true, for it is no more than anyone can win with the aid of Waterlilies and a bit of garden space which can be dedicated to them.

For there is no mystery about Waterlily culture, no special skill involved. Many a flower lover will strive for months to get his favorites to bloom as they should, when

*There can well be planting around the edges of the garden pool, but it should always be kept restrained and secondary to the appeal of the water and the beauty of the large blooms.*

in Waterlilies he has one flower that will thrive and bloom all through the season and need less care than anything else in the garden. It hardly seems possible that such beauty may be had with so little trouble, but you can enjoy it in your garden by simply providing the proper setting.

First you must be able to visualize the picture you wish to create. This may not be easy to all, but if you cannot see it yourself you may secure the help of a trained landscape man. And when at last the picture is complete and the flowers begin to unfold, you will experience a thrill of real satisfaction that will far surpass



any other that a garden can give.

Let us consider the matter from a practical side—the only sensible way in garden affairs. It is all very well to dream of beautiful flowers, but if you don't set to work with a spade you won't have many blooms. And if you want the great pleasure of having Waterlilies in your garden you must plan far in advance of their blooming season. They are without question one of the easiest of all flowers to succeed with, but there are several special requirements that cannot be overlooked.

The first thing is the location of the pool. Lilies must have full sun at least two-thirds of the day. If your land is irregular as to level, select the lowest spot for the pool as that would be the most natural setting. If you can visualize and develop a naturalistic pool and its surroundings you will have a more charming effect than if a more formal type is created. The more formal pool is better for a level location. To

create a perfectly natural looking effect with water, rocks, flowers and shrubs takes real skill, and your success will depend upon how carefully you study Nature's masterpieces in the shape of ponds, streams and rock formations. These should be the guides. The problem will prove most interesting, and when you have succeeded in creating a little bit of natural scenery in your garden you will be more than repaid for all the study and time given to it.

As to the size of the pool, this will depend to a large extent upon the amount of money you wish to invest and the space you have available. A pool eight by twelve feet may be built under ordinary conditions at a cost of not more than fifty dollars for materials; the labor can be merely common day labor, providing some one in charge understands simple concrete work. A pool of this size will accommodate three Lilies—enough for the average small garden. The depth of the



(Left) Mrs. Edwards Whitaker bears lavender-blue flowers up to a foot or more in diameter. These are young plants in the propagating bench

(Above) Where the site permits it a naturalistic pool can be very effective. Usually the situation for such a Waterlily garden is in low ground



(Right) *Odontea sulphurea grandifolia*, a yellow *mexicana* type of *Nymphaea* is hardy and considerably sought after. Photographs on these pages are by courtesy of William Tricker, Inc.



(Above) Attraction is the largest hardy Waterlily in cultivation, with blossoms often eight inches across. Petals are garnet red tipped with rose that is white-flaked. Sepals nearly white

pool should be about two feet in the center when it is finished. This will allow for a foot of soil and a foot of water.

The ideal shape to give your pool is a sort of saucer effect. There are two distinct advantages to this shape. First, if you are located where the water in the pool may freeze deeply in the winter, the sloping sides will not allow the ice to grip the sides of the pool and do any damage. Many years ago I built a pool of this shape in Minnesota and in the fall after removing the Lilies I simply filled it with water and forgot it till spring. It always came through the winters unharmed. In locations where the frost goes deep, as it does in the Northern States, you must be sure to provide drainage below the concrete of the pool. This may be done by putting in a six-inch layer of cinders or sand below the pool and tamping them well. This is very important and, together with leaving the water in all

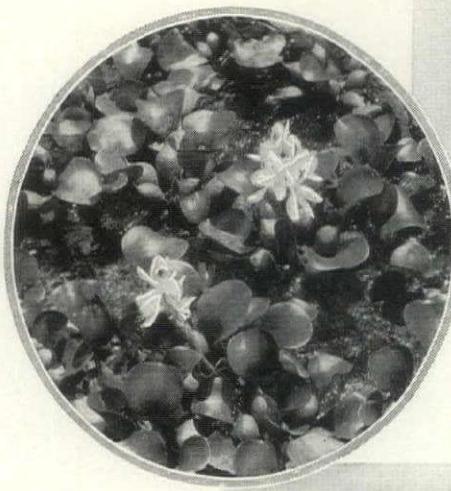
winter, I believe is the secret of the pool not suffering ill effects from the freezing weather.

The other advantage of building a pool in the saucer shape is that it is much easier to build that way. You need no forms and there are no corners to develop weakness. The concrete should be at least six inches thick; eight inches is better. You might make a small saving in material if you did not make it so thick, but you take the chance of its cracking and then it will always give you trouble. Also, it must be reinforced in some way. In my own pool I used the expanded metal lath that is employed in buildings for stucco work. The way to handle it is to put down a layer of cement mixture about three or four inches thick and tamp it down well to get rid of all air pockets; then fit the metal lath to the shape of the pool, lapping it well at all joints and wiring the pieces together. Finally, put in the second three or four inch

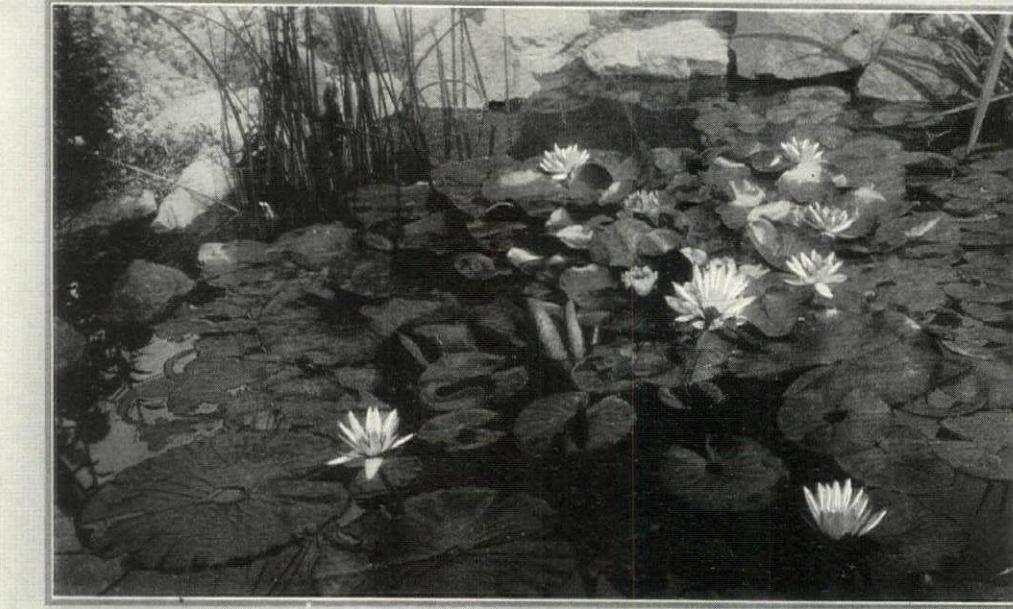


(Left) The lavender Orchid-like blooms of the Water Hyacinth form a spike suggestive of the true Hyacinth. It is a desirable floating aquatic

(Above) Pools can be made integral with the garden proper if their margins are planted to flowers which are a transition from true aquatics



(Right) There is good variety among the Water-lilies, in form of blossom as well as color. Blues, reds, whites and yellows are available by themselves and in various good combinations



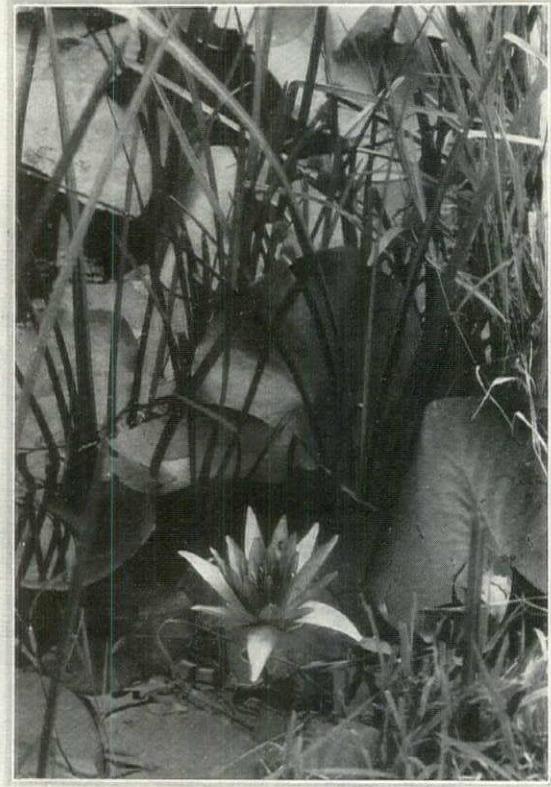
(Above) The loveliness of Waterlilies lies not only in the blossoms themselves, but also in the compositions which they form with the leaves and the mirror-like water surface

layer of cement mixture and tamp this in very solidly so that it makes a perfect joint with the first layer and the whole mass of concrete and metal lath will be one. This may sound rather difficult, but it is really very simple.

The concrete mixture should be fairly rich—say, about one part cement, two parts sharp, clean sand and three parts crushed rock or gravel that has been screened through a half-inch screen. Mix this well and do not use too much water lest the stuff be too soft and not stay where you want it. The mixing is very important; in this a mechanical mixer will help greatly, though handwork done in an ordinary mortar box is perfectly all right.

When the cement work is all in and troweled smooth you will want to give it a coating of clear cement to fill up the pores and make it as nearly waterproof as possible. To do this take a small quantity of cement and wet it with just enough water to make it into a paint-like mixture. Apply

(Top) In the shallower water around the edge of the pool slender leaved plants like the Rushes and Cattails may be used effectively to create contrast for the broad, flattened pads of the Waterlilies



Healy



this with a large paint brush to the whole inside surface of the pool, putting on about three coats with time to become almost dry between them. The next thing to do is to see that it cures properly; for this, you must spray the surface every day and should keep it covered with some canvas or burlap for the first two weeks. This will prevent surface cracks and checking. At the end of three weeks your pool will be ready to plant and fill with water.

Waterlilies are rank feeders and must not be stinted. The best plan is to fill the bottom of the pool with especially prepared soil and plant the roots directly in it. The soil should be one-third thoroughly rotted barnyard manure and two-thirds the richest top soil you can obtain. That which you make in a compost heap is the best; it needs to be full of humus and decayed vegetable matter. The whole thing must be thoroughly rotted and well mixed or it will ferment and form a green scum

(Continued on page 172)

There are both night and day-flowering types of Waterlilies, many of them highly fragrant. Among their advantages is a long season of bloom, lasting sometimes from the middle of June until frost comes



Yellow Pygmy is a tiny sort with rich golden yellow flowers an inch or two across and leaves that are mottled and flecked with chocolate. It is ideal for growing in tubs as well as in a regular pool



Miles Berne

## IN A CALIFORNIA COURTYARD

*Simply planted pools are ideally adapted to featuring in a patio or an inclosed garden where, supplied with fresh water from a small wall fountain or inconspicuous jet, they can drowse undisturbed in the sunshine. Charles G. Adams was the landscape architect*

# THE SCOUTS OF SPRING RIDE NORTH

*Across the Winter-worn Countryside Stirs a Vague Restlessness as  
The Rumor Spreads that Warmth and Pleasant  
Sunshine Are at Hand*

UP from the South, on nights in March, the feet of Spring come a-tilttoe through a land that is drab and worn and old. Light, silent feet they are, as befits those who hesitate to intrude upon Winter's austere presence, yet there is in them a poignant magnetism. A thousand frost-weary lives feel it and creep into activity. Brooks awake and brim bank-full, Willow and Maple and Osier brighten their colors, the lowland meadows grow vibrant with the tinkling of hylas. In the lee of the house, on sunward-facing banks beyond the garden, among the brown, crispy Oak leaves scattered down the south slope of the pasture, a hint of green tinges the grass. We stoop to savor it more intimately, to scrutinize the faint, up-thrusting points of the new growth, and while we kneel there floats from the orchard across the road that truest of all spring messages, the rich, infinitely welcome warble of the first bluebird.

WHO shall say when Spring begins? One cannot mark it by the melting of the last snow or the falling of the final icicle, for it may have commenced long before those cheerful events. It is no more a matter of an arbitrarily decreed calendar than are the comings and goings of clouds or the directions of the winds; John Burroughs made that clear years ago when he drew his distinction between the first day of Spring and the first Spring day. Nor is it an event that comes suddenly and unheralded; like all the seasons of the year, its scouts ride far in advance of the main column, spying out the country and whispering covertly to those restless spirits who need but a little encouragement to rise in revolt against Winter's regime.

It is by the spring-hole down in the swamp that the invisible outriders find their readiest welcome. There, among the withered leaves that carpet the ooze just above the ice-line, slender reddish scimitars mark where the buds of Skunkcabbage are stirring vaguely. Strange, lowly plant, dweller in dankness and obscurity, a rank proletarian deemed unworthy by every horticultural tenet, it still attains its moment of triumph. In these border days between Winter and Spring its squat, striped spathes are undisputed tokens of the coming change, the first of the early wildflowers to brave the air. Frosts will yet come and fresh snow may cover them inches deep, but when the swamp's margin is clear again the blossoms within those red and yellow hoods will be a little larger, a little richer in color, a little more certain in their response to the propaganda of the scouts. Small wonder that the pioneer bees, exploring sluggishly at midday when the sun is warmest, welcome them as faithful old comrades!

And there are others in the swamp ready to join the uprising—silver-gray Pussywillows swelling within their black jackets, Maple crowns reddening with a myriad flower buds, squads and platoons of iron-gray Alders whose misshapen arms are already bearing evidence of the catkin fringe which will deck them so royally in another month or so, Watercresses that show a brighter, lighter green where they clog the never-freezing runlet from under a Willow's arching roots. Voiceless, all; but what

is a mere matter of inarticulateness when one has so able an announcer as the woodpecker drumming out his reply to Spring's whisper upon a dead limb high above the marsh's humbleness?

THE days march on. At noon the sun gains power; each evening he lingers longer over the westward hills. Snowdrops thrust up here and there and in sheltered nooks are rocket-stars of white and yellow Crocuses and the skyey blue of Scilla and Grape Hyacinth. Among the border shrubs the green of the Forsythia twigs grows fresher and a tinge of yellow appears in the buds which incrust them. Overnight the first robin arrives, and close behind follow phoebe and redwing blackbirds. The frost loosens its grip, heaving the bare ground in the garden, converting the low spots in the country byroads into bogs that seem to have no bottom. In the still evening air small companies of gnats rise and fall in oddly vertical dances, and suddenly we realize that the great uprush of the Spring is here and Winter, his harsh spirit broken, is in full retreat.

And what an overwhelming, unbelievably complex resurgence it is, this awakening of an entire world, especially in the realm of plants! Countless trillions of hidden roots, each with the task of reproducing the exact counterparts of the leaves and stalks and blossoms which sprang from it last year! Let a wee Hepatica far up in the glen neglect to bear its accustomed number of stamens, or a Marsh Marigold flower in the fastness of the swamp so fail in its duty as to produce four petals instead of five, and the fate of Creation hangs in the balance. Nature's salvation lies in fidelity to innumerable and inextricably commingled details. Should some unruly herb challenge the law, producing flowers that varied from those allotted to it under the Great Scheme, swift discipline would descend: plants from the seed which the errant blossoms brought forth would revert to the true type, ignoring their bold parent's influence. There can be no escape for the lowliest, most hidden plant, even in the throbbing intensity of the young year's impulses.

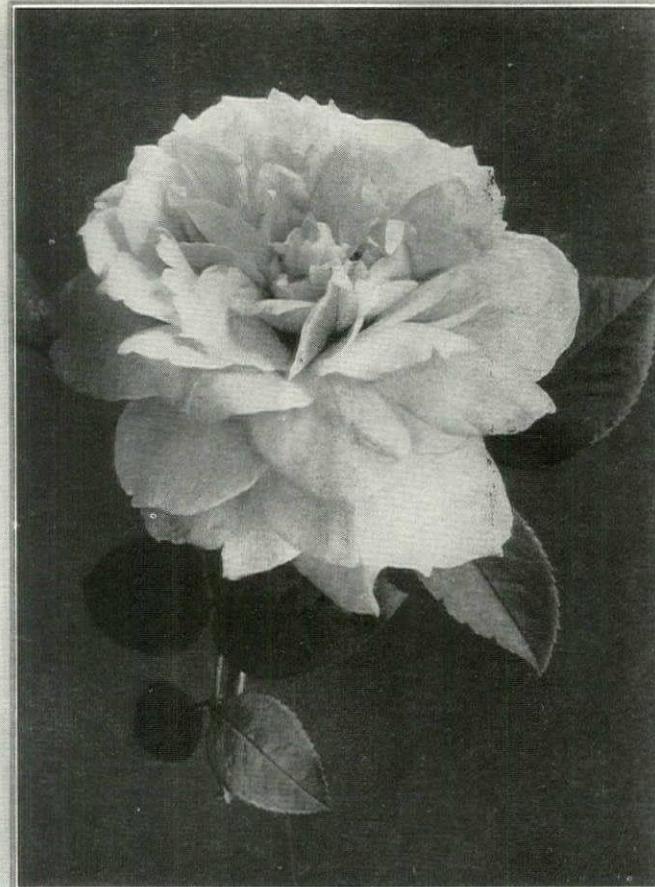
IT is in this immutable re-creation, perhaps, that is to be found the peculiar appeal which Spring, of all the seasons, holds for mankind. However severe the Winter, to whatever extent we may have been discomfited by its rigors or discouraged by the bleakness of its outlooks, we know that at its end there will return a host of time-tested friends whose every face and figure is familiar. As the weather warms we watch eagerly for their coming—the old bird neighbors, the green frog that for years has lived in the springhouse below the orchard, the Tulips and all the gay company of the hardy border. At first singly and with hesitation, then in constantly increasing numbers and confidence, they hear the invitation and respond. And in the rising tide of their enthusiasms our spirits are caught up and carried on to old accustomed heights that are forever new, forever fresh and rejuvenant.

ROBERT S. LEMMON



## THE BIRCH ALLÉE

*Slim and gleaming against the somber stillness of an evergreen forest, the Birches rise white-ranked to the free sunlight of the upper air. No shrubs, no undergrowth to complicate the composition—the very essence and perfection of simplicity is found along this bridle-path*



*Mme. Albert Barbier is a new type of Rose that combines the hardiness of the famous Druschki, the foliage of the Pernetiana and the color and flower profusion of Mrs. Aaron Ward*

*Of medium height and everblooming character, Mme. Albert Barbier may be planted among the tall Hybrid Teas. Compare this expanded blossom with the younger one at the left*

## THE RENAISSANCE OF THE HYBRID PERPETUAL

*A Sturdy Type of Rose that Is a Boon to Gardens Where the More*

*Delicate Sorts Are Not Safely Hardy*

J. H. NICOLAS

THERE is no denying the fact that in our mad desire for "everblooming" or "monthly" Roses we have neglected the Hybrid Perpetuals, a class of varieties as beautiful as, and sometimes more sweetly perfumed than, most other garden Roses. Of a rugged constitution, they will stand the extreme cold of the North and the heat of the South, prosper under adverse conditions and fairly resist the diseases that defoliate our more delicate Hybrid Teas and especially the Pernetianas. Hybrid Perpetuals are hardy anywhere in the United States and most of Canada, while North of the Mason and Dixon line the Hybrid Tea as a class is safely hardy (without protection) in but a few privileged locations.

The Tea Rose was the aristocrat of the gardens until 1842, when this new race of brilliant parvenues appeared and soon developed into a mighty army that swept

everything away on its road to the supremacy of Rosedom. This impression can be gathered from the fact that in 1902 Monsieur Jules Gravereaux had collected 1690 varieties in his famous Roserie de L'Hay near Paris. Of these but few are today found in American gardens. This neglect is really regrettable, for the varieties remaining on the nurseryman's list are not always the best of that once numerous family, and certainly are not better than these glorious Roses; Géant des Batailles, fiery red; Empereur du Maroc, a velvet even darker than the noted Chateau de Clos Vougeot (either wine or rose); Oscar Cordel, which Admiral Ward thought to be the best of the pink Hybrid Perpetuals; Victor Hugo, Van Fleet's favorite crimson; Xavier Olibo, a maroon velvet of great depth and exhilarating perfume. What a great pity it is that nurserymen, heeding the diminishing sales,

should have so shortened their Rose lists as to deprive us of such gems!

Truly, the origin of the Hybrid Perpetual is not very definite, although it is attributed to crosses of Gallica and Damask which bloom but once, with some extremely floriferous forms of Bengal resulting in a new type that retained the vigor, robustness and hardiness of the Gallica and acquired the faculty of blooming again in the summer or autumn of the same year. Later the pink form of the Tea species may also have been used, and to the Tea, which in its Asiatic habitat is a rampant climber, may be traced the exuberant growth of some varieties. The English growers were so enthusiastic over this second blooming that they applied to the new race that name Perpetual which proved to be slightly exaggerated. The French, more conservative, called it *Hybride Remontant* which literally and



Among the hybrid Rugosas in which Hybrid Perpetual characteristics predominate is Conrad F. Meyer. Its vigorous habit adapts it to training in pillar form

more truthfully means that the sap may ascend again in bloom. Botanists followed the sense of the French version and named the new strain *Hybrida bifera*—blooming twice.

The remontance (or recurrence) of the Hybrid Perpetual is most often a matter of treatment and sometimes of climate. Generally the plants are neglected and left unpruned and abandoned to themselves; the quality of their flowers decreases each year as the wood grows older. Considered as June Roses only, they are relegated to oblivion as soon as the Spring bloom is over, to become the prey

*Velvety crimson and of delightful fragrance, Henry Nevard has a form that reminds one of the woodcuts in old-time catalogs. It has notably thick foliage*



Mme. Julien Potin is another strong-growing variety of Rugosa origin which has many Hybrid Perpetual similarities. Its flowers are on long stems

of insects and diseases, mainly mildew. If Hybrid Perpetuals received half the care bestowed upon Hybrid Teas they would give a better account of themselves, actually surprising us. Many varieties would reward us with a succession of blooms, some even being almost "perpetual".

Like the Hybrid Teas, Hybrid Perpetuals must be rejuvenated each year. When this is done—cutting at the base all wood over one year old—the remaining canes are shortened. The lower the cut the more beautiful and perfect the blooms will be; about fifteen inches from the ground is right for vigorous varieties such as J. B. Clark, Frau Karl Druschki, etc., and lower (eight to ten inches) for less rampant ones. Without knowing the variety (most

(Continued on page 194)

# SEED SOWING AS IT SHOULD BE DONE

*Some of the Recent Important Discoveries Concerning Germination*

*Traits and How They Are Applied*

F. F. ROCKWELL

**A**R E you lucky with seeds? Some people seem to be —there's no denying it. And some think they are unlucky. Others say nasty things about the seedsmen for having sold them old, dead seeds.

The truth of the whole matter is that we are just commencing to learn something of the science of seeds and seed germination—by no means, as yet, all there is to be learned, but enough to make possible the beginning of a check-up on the art of growing plants from seeds as we have practised it in the past. As is usually the case in such instances, many of the points in our former practice are found to be based on scientific principles, while others have no such logical foundation.

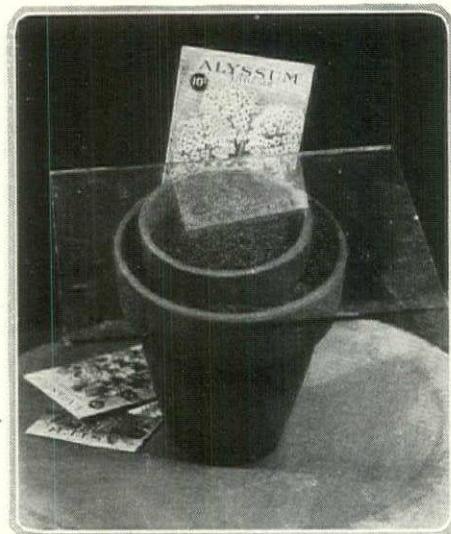
These new discoveries are not merely of academic interest. Already they have helped the commercial grower to overcome some of his most perplexing problems. The purpose of this article is not to give a scientific resumé of these latest experiments, but to show how the knowledge which has been gained may be used by the lay gardener in his everyday work to take some of the guesswork out of propagation from seed.

Incidentally, very few amateur gardeners come soon to appreciate the many wonderful gateways to new gardens which will open to them at a touch once they really master the fine art of growing from seed. Rare things from around the world, no longer to be imported except in the form of seeds; flowers from the mountains and valleys of our own West and Northwest, which are not yet included in the nursery plant lists; new horticultural varieties, as yet very expensive to procure as plants—all these are available to him or to her who has learned how to handle seeds; they open a new world of gardening with horizons far beyond the old. And not the least pleasure-giving detail of this new experience will be the fact that frequently there are surpluses of plants for one's garden-loving friends—sometimes things which they could not possibly obtain anywhere for themselves.

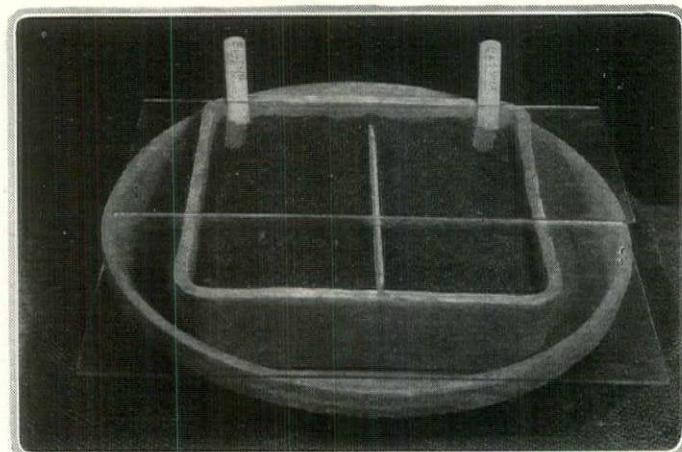
The mechanism of a seed is in itself a fascinating thing. Almost anyone knows of some of their curious characteristics; for



*The germination and health of some seeds can be improved by placing in a wide-mouthed glass container along with the dust of organic mercury compounds and shaking thoroughly*



*A convenient arrangement for a small quantity of seeds provides for placing the sowing pot inside a larger one with peat-moss set in between the two. This stabilizes the moisture supply*



instance, the downy parachutes, the spreading wings, the tenacious hooks, which are employed as different means of securing distribution over wide areas. Less well known is the fact that time-distribution is secured by Nature by variations in seed structure, some mechanical, some chemical. Some seeds are timed to "go off" immediately at maturity and some have delayed fuses. The early-seeding varieties of Maples will sprout, in rainy weather, almost as soon as

they hit the ground; I had to remove hundreds of little seedlings from a newly made lawn under a White Maple last spring. The late-seeding hard Maples, on the other hand, not only do not germinate at the time that the seeds fall, but they cannot be made to germinate under any conditions until the seed has remained dormant for a considerable period of time. This is called "after-ripening."

With different seeds, not only the length of time, but the temperature at which they must remain during at least part of the time, varies greatly. At the Boyce-Thompson Institute for Plant Research, at Yonkers, N. Y., experiments are being carried on to determine the exact time and temperature for each of the more important kinds of seeds, which will give the maximum germination results. It has been determined that for many Roses from cool climates this is 41° F. There is usually some latitude, but not much, in temperature; and a minimum time. The practice of stratifying or burying seeds for a period before planting, developed by nurserymen from practical experience, is thus found to have a scientific basis. With the new information that has been gained, the guess-work being taken out of sowing and methods that will give more certain results used instead.

Still another class of seeds is those which Nature has provided with shells so hard that they may lie for months or even for years

(Continued on page 184)

*Surface evaporation from the seed pan is readily checked by placing a pane of glass over the top of the container, removing it when germination occurs*



Tebbs & Knell, Inc.

## BORDERS THAT ARE ALWAYS GREEN

*The garden walk which is flanked by living green at all seasons thereby gains a tangible asset. At the home of F. E. Drury, Augusta, Georgia, it is composed of Box and conifers with flowering plants intermingled. Other views are on the following pages. C. Carpenter was the landscape architect*



Tebbs &amp; Knell, Inc.

## A GARDEN TO THE TREETOPS

*Fortunate is the gardener whose opportunities extend far above the soil, for he has the chance to build effectively to the very treetops. Such possibilities were developed to the full in the Drury garden and the result has been compositions of rare beauty and a pervading sense of fine luxuriance*



Tebbs & Knell, Inc.

## SHRUBS IN THE GARDEN PICTURE

*One of the brick-paved walks in the Drury garden curves between Box edgings behind which a collection of Azaleas in full flower makes noble display. Back of these, again, taller shrubs build up gradually to the trees. Other views of this garden are shown on the two preceding pages*



L. W. Brownell

*On dryish hillsides in our Eastern woods, sometimes creeping out into the sunshine, *S. virginensis* opens its white blossoms in April and May. It is a good native rock garden plant*

## FLOWER WORTHIES FROM THE ROCKS

*The Saxifrage Family Makes Many Valued Contributions to the Rock Garden*

*Which Is Properly Built and Maintained*

LOUISE BEEBE WILDER

UNDoubtedly there is no genus of plants so valuable to the rock gardener as the Saxifragas, or Rockfoils, as they are sometimes called. Their blossoms are the daintiest imaginable, the variety of leaf form and texture among them is infinite and extremely interesting, and the best of them are true saxatile plants, fitting into crevices and crannies, enveloping rocky surfaces, hanging from ledges with the perfect harmony of aspect possible only to plants which are born to such situations.

As with Gentians, our nurseries have been slow to help us to a knowledge of these fine plants that figure so prominently in every garden of the Old World; but a demand is being steadily voiced now and is bringing a supply, so that at the present time it is possible to acquire a collection of considerable scope and variety. Growing Saxifrages from seed, while perfectly possible, is work for the careful and patient gardener and is rather slow.

Saxifrages, it should be here stated, are not as easy to grow as Arabis and Sunrose, but many of the species are far more amiable than is generally supposed and may be quite comfortably accommodated in any well-built rock garden. The conditions in my own rock garden are far from ideal from the point of view of a high alpine, yet a fairly large collection of the Encrusted or Silvery Saxifrages is therein thriving, the "Mossies" are kept in very fair health, London Pride is at last, after many trials, apparently placated and established, and I

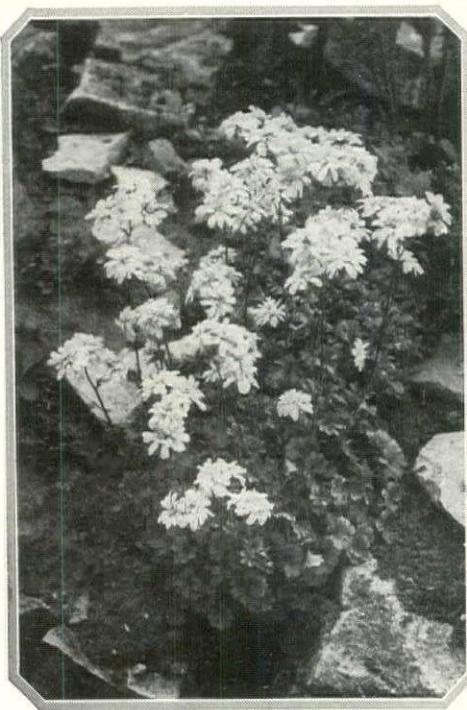
have one little hybrid Kabschia, or Cushion Rockfoil, over which I am praying to all the gods supposed to keep a friendly eye upon gardens. It is safe to say that any one who wants Saxifrages (and no garden can be said to be complete without at least a few) may have some of the many kinds to be had—and without too great trouble and anxiety. Mr. Clarence Lown has a splendid collection in his Poughkeepsie garden; Mr. Cleveland Morgan's collection is as fine. In the Central West Mrs. Wolcott and

Mrs. Carl Miner are growing them with fine success, and in the Northwest they flourish almost as well as they do in England.

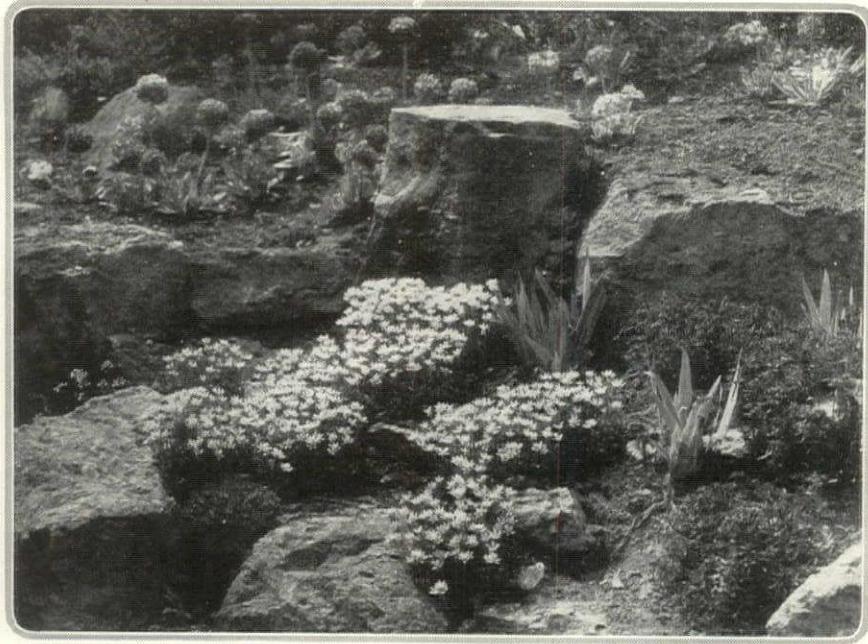
Members of this vast genus are to be found scattered over the whole of the north temperate world, but it is agreed that the finest kinds, those that are the most ornamental in the rock garden, are native of the mountains of Europe. We have a number of species in North America, but I do not know that any of them have attained to great fame as garden flowers, and it is probable that few of us are familiar with any of the native species save the little Early Saxifrage, whose pinky white blossom-heads stud the rocky hillsides of the eastern United States in April and May. Mr. Durand usually has a fine display of this pretty spring flower on his well-clothed rocks in Bronxville.

But a glance at the illustrations accompanying this article will show how great is the diversity among these plants. To begin with the so-called Mossies (whose verdure is of a bright green moss-like character), the easiest among them are *S. trifurcata* and its variety *ceratophylla*, called the Stag's-horn Rockfoil. These are natives of Spain; their foliage is of more substance than that of Mossies generally, and is deeply cut. The flowers are pure white and borne in great

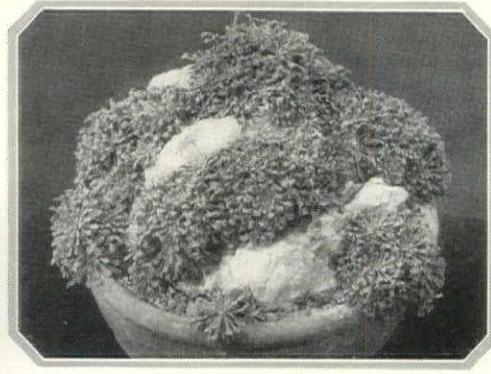
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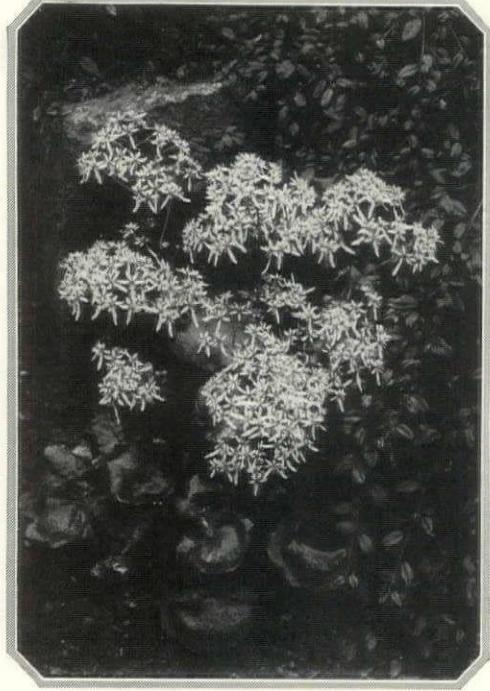
*The Meadow Saxifrage (*S. granulata* fl. pl.) is a dainty ornament for bold places in the rock garden. Its double white flowers are borne abundantly during April and May*



(Above) A group of early flowering Mossy Saxifrages, among which is *S. burseriana*, with clumps of dwarf Iris at the right and a background of *Primula denticulata*

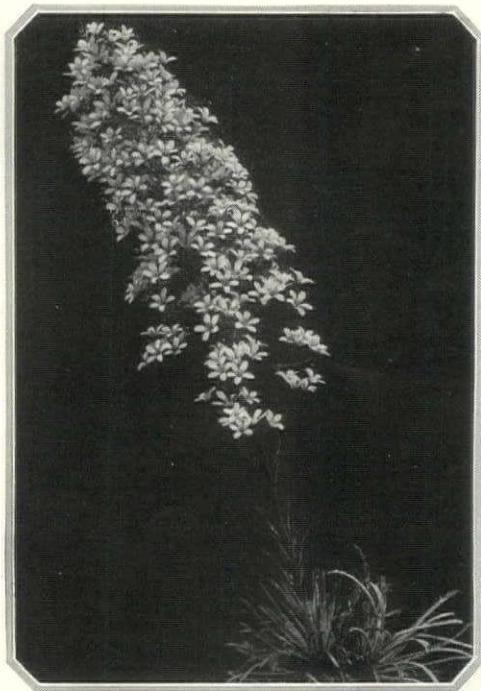


(Left) *S. cochlearis* is a lovely and distinct kind with rosettes whose shell-like beauty is suggested in these pot-grown plants. Its ruddy flower stems bear white blossoms



(Left) One of the delights of the late autumn rock garden is *S. fortunei* with rounded leaves and white blossoms. It likes a sheltered spot

(Right) A prominent member of the Encrusted group is *S. lingulata*, not always obtainable in true form. It has long, heavily silvered leaves



(Below) *Saxifraga andrewsi* is related to the lovely London Pride. It is a notably choice plant but seems to be a somewhat difficult subject here

(Below) In *S. lingu-lata*, of which a flower stalk from a pot-grown plant is shown at the right, are found interesting leaves and inflorescence



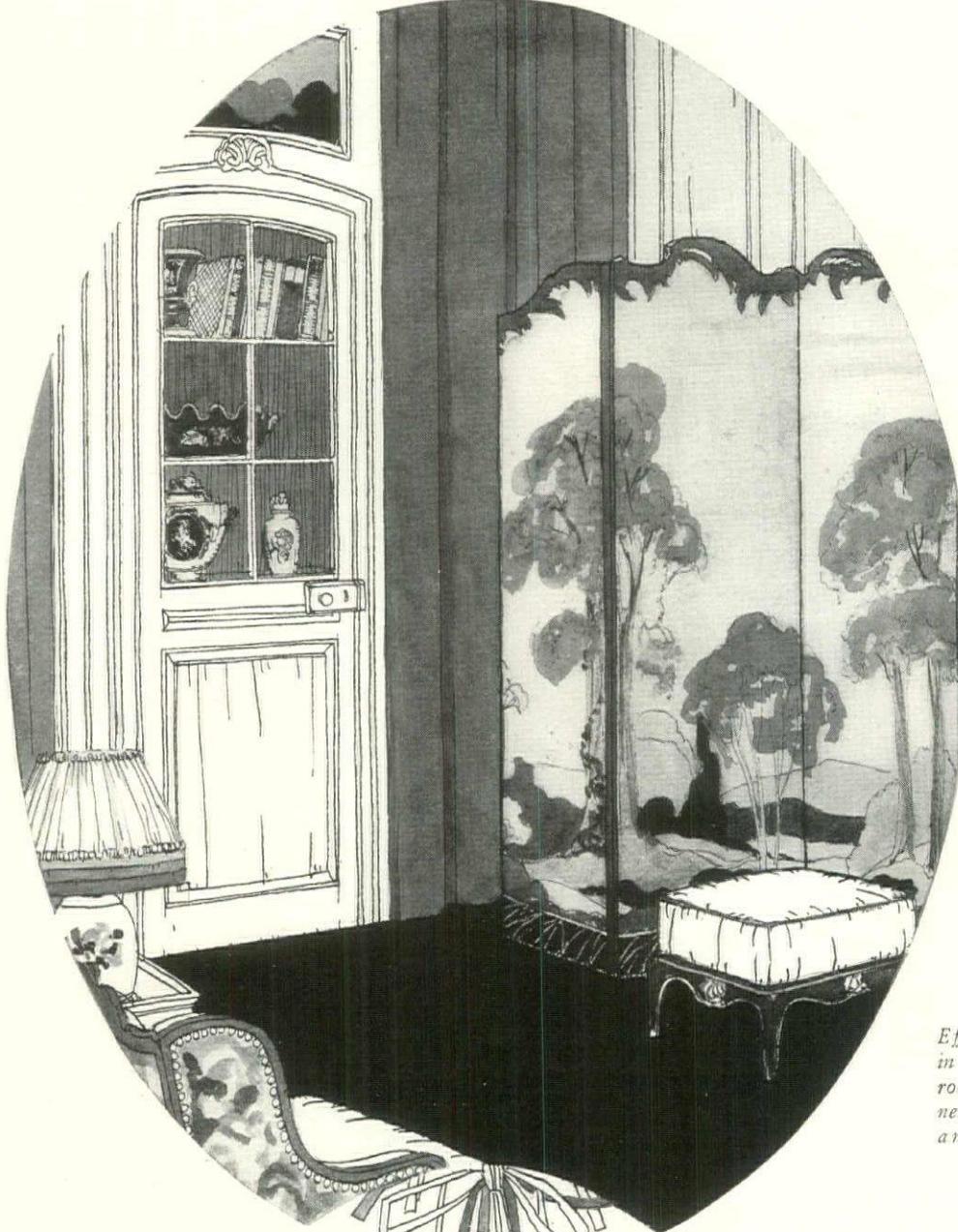
## THE MAKING OF

## PAPER SCREENS

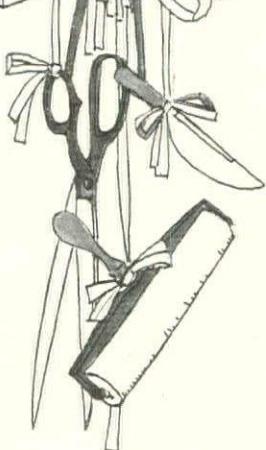
WILLIAM I. TUCKER

WALL paper screens have recently become so popular that there is scarcely a well-furnished house these days that does not boast at least one screen of this decorative type. Paper screens for the dining room, living room and bedroom are usually of the three- or four-fold type, in a height of from five feet, six inches to six feet, each fold being from eight to twenty-one inches wide. There are also fire screens, generally single panels of from three to four feet in width and four and five feet high. Bathroom screens vary depending upon the size of the room. These screens are of the three-fold type and miniature in size, four to five feet being the usual height, with panels about eighteen inches in width.

In the construction of a screen the most important part to consider is the frame. This

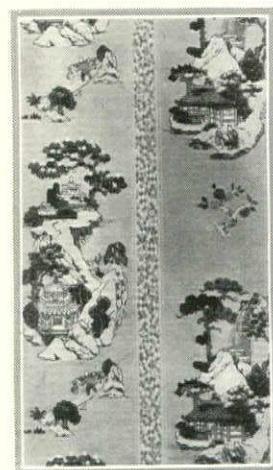


(Above) Screen of scenic wall paper printed in panoramic effect. The trees come cut out separately and can be pasted on wherever desired. Lloyd



The fables of Aesop and La Fontaine are engagingly depicted in this paper suitable for a screen in a child's room. Red on a white ground. Lloyd

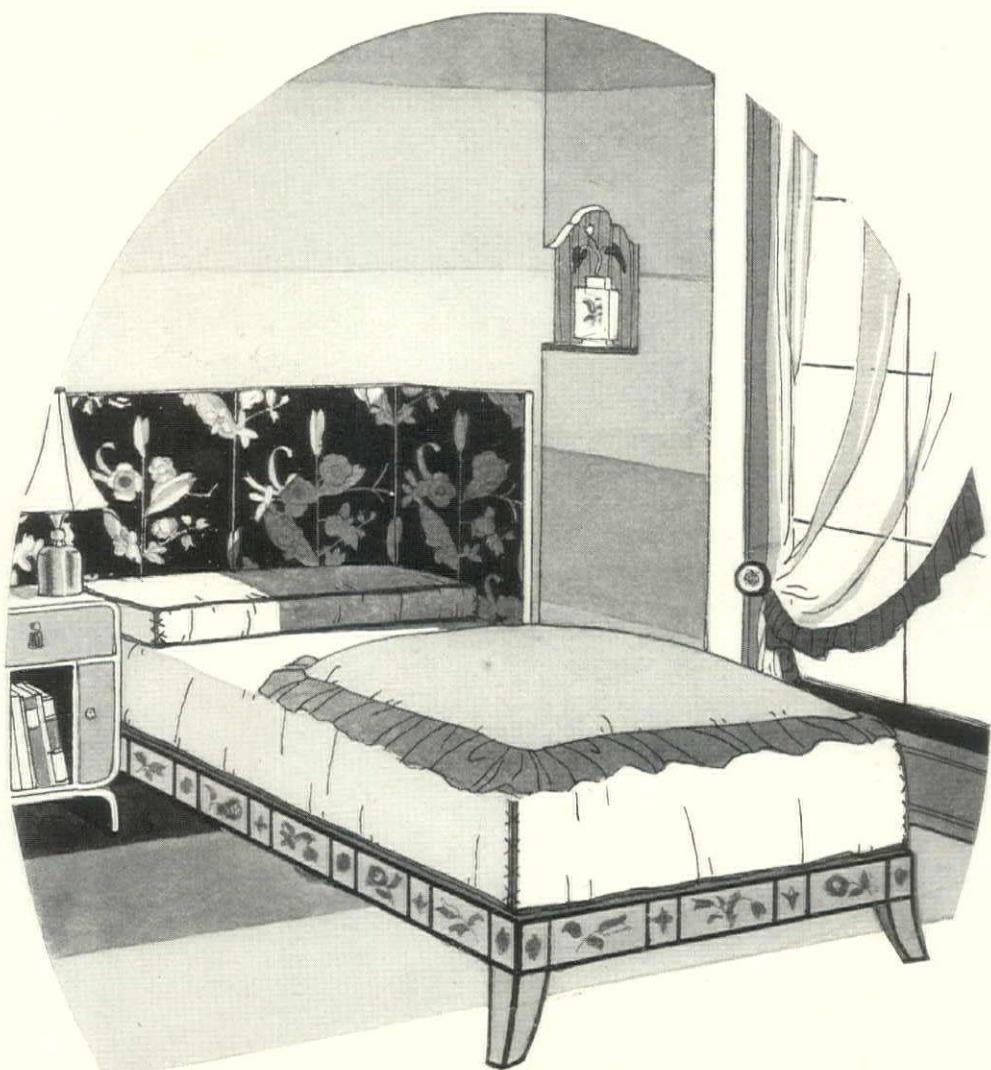
The screen at the right shows a decorative wall paper border used to outline center panels of plain paper in a harmonizing color. Nancy McClelland



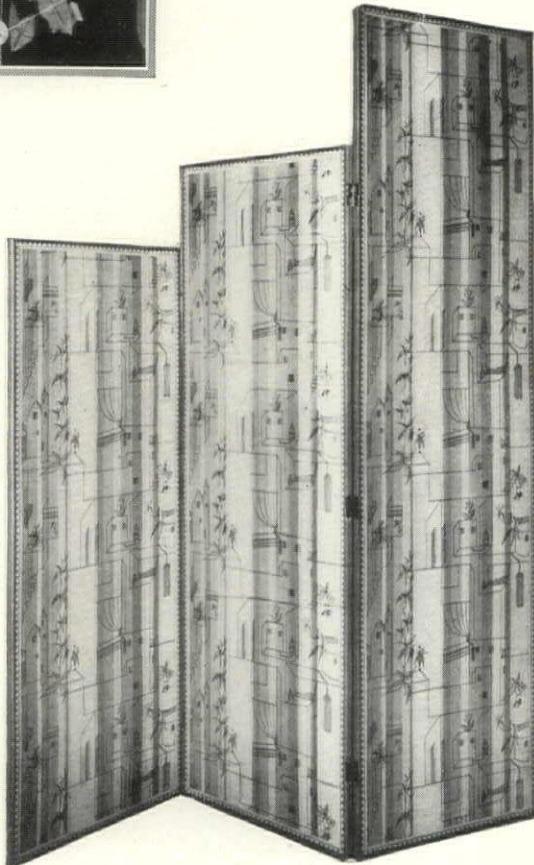
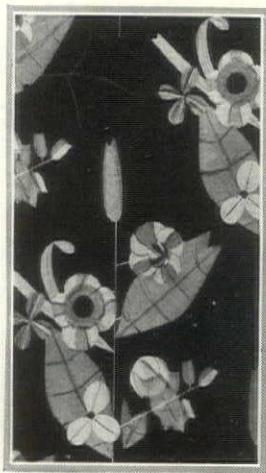
should be made from kiln dried lumber so that it will not warp. In making a screen, each wing is made separately and then all parts are joined together after the paper covering has been applied.

The frame or skeleton formation is usually made from white pine. There are two uprights, a cross piece at the top which can be straight or cut into any desired shape, a piece at the bottom and one at the center. These are joined together by tongue and groove connection and are glued into place. The frame is then covered on both sides with compo board which is glued and clamped on with small brads. To finish, the edge is sand papered smoothly. In making the wings of the screen the width should be determined by the width of the paper. The wing should be slightly narrower than the paper so as to allow for folding over the edges. Places for the hinges should be chiselled out of the side half way down the wing nine inches from the top, and nine inches from the bottom. This frame can be made easily by a good carpenter or bought in a shop specializing in unpainted furniture.

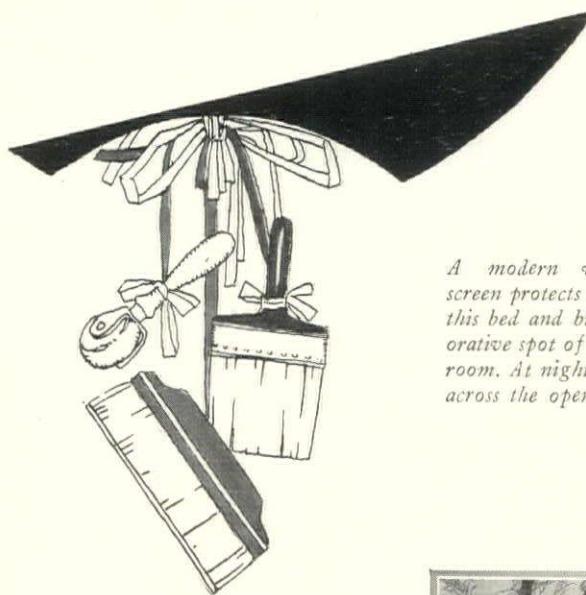
Before placing the paper on the board it  
(Continued on page 150)



(Left) Modern wall paper with black-green ground; design in light greens and lavender. Elsie Sloan Farley



(Left) A smart wall paper for a modern screen has a cream background with shaded shell pink stripes and a delicate line design in tan. From Richard E. Thibaut



A modern wall paper screen protects the head of this bed and brings a decorative spot of color to the room. At night it is set up across the opened window



A number of persons have been caught in the rain in this modern toile design called, "The Stormy Day". It comes printed in green on a white ground. W. H. S. Lloyd



Anton Bruchi

*Exquisite examples of the new crystal are these mantel accessories from France—a glistening candelabrum with a mirrored base, a two-light candlestick on a blue glass stand, low mirrored candle holders in step effect, an amusing parrot cigarette holder and the "Tumblers", a spirited group in*

*white glass on black basalt. From the Maison de May, Paris; imported by the Park Avenue Galleries. The smart clock is modern inside and out. Being electrically wound it keeps accurate time and needs no regulating. The simple metal case is two shades of dull silver with numerals in black. Frankl Galleries*

M O D E R N I S M   R E A C H E S   T H E   M A N T E L

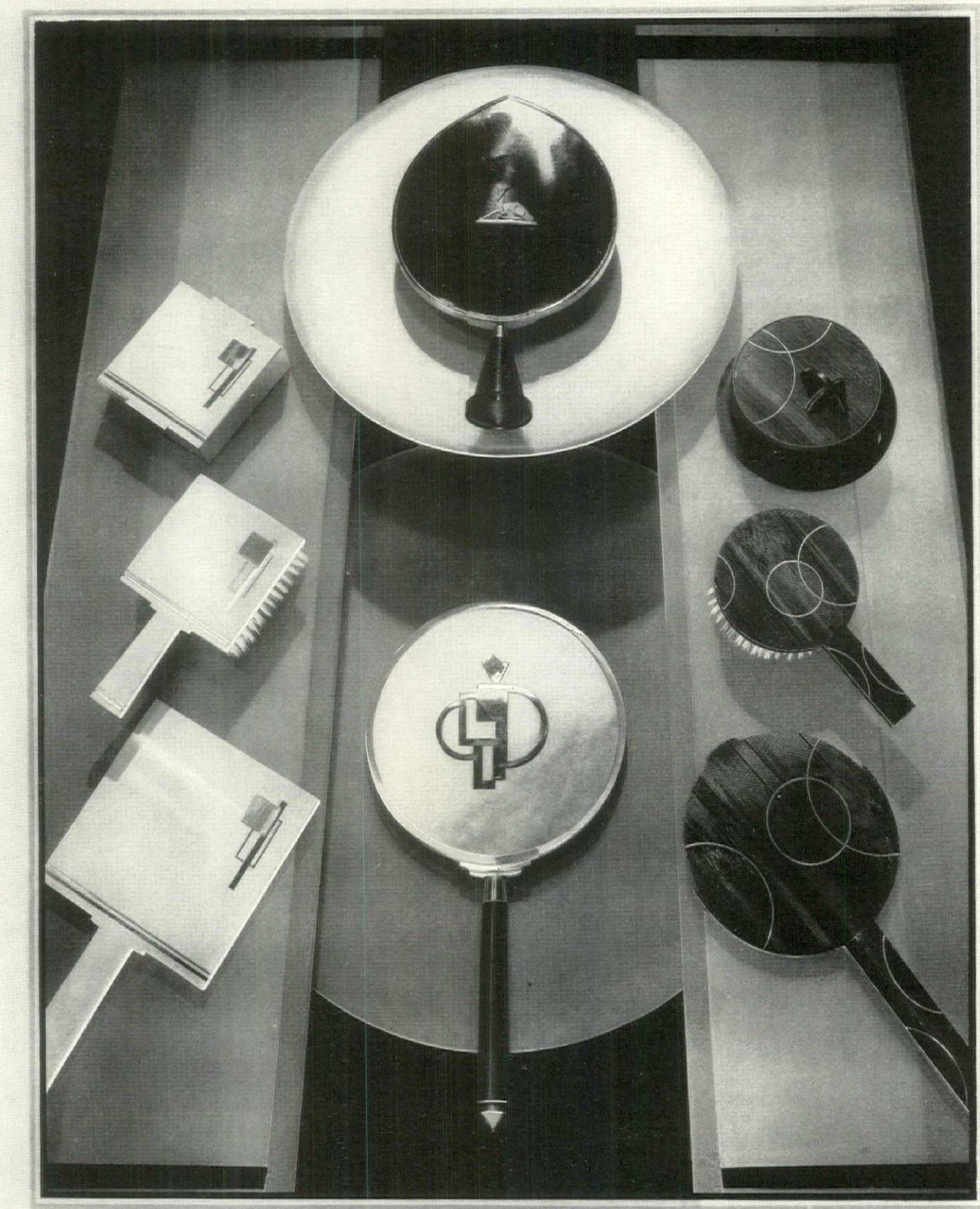


Anton Bruehl

In common with other modern accessories, desk lights show an interesting departure from conventional forms. Bases are frequently of metal, shades of sanded glass. (Upper row) Low lamp with cylinder of frosted glass and nickel frame. Nickel also is the taller lamp with revolving arms. Venturus, Wan-

maker. In the center is a conservative type with silver columns and a closed metal shade in black. Eugene Schoen. (Lower row) Small lamp of circular layers of glass. Lord & Taylor. (Center) Leaded and frosted glass on black and nickel base. Deskey-Vollmer. Nickel lamp with searchlight shade. Wanamaker

## ILLUMINATING THE MODERN DESK



Anton Bruehl

## FOR THE DRESSING-TABLE OF TODAY

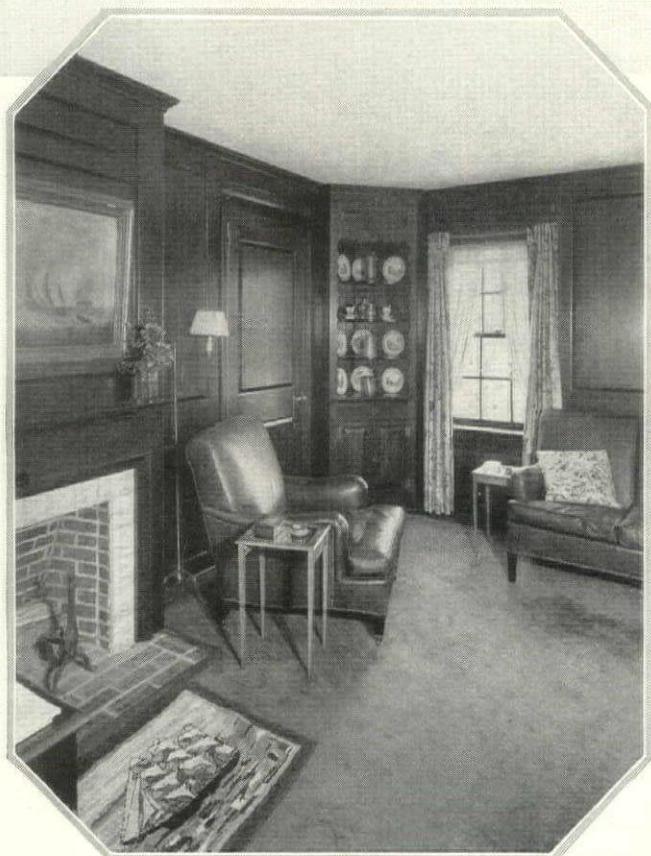
(Left) Simple lines characterize dressing table articles of white celluloid, motifs in gold and silver leaf. (Right) Black decorated with silver circles. Designed by Paul T. Frankl. Altman. (Center, top) Black bakelite with ivory gazelle in relief. Chromium rim. Park Avenue Galleries. (Below) Chromium, bakelite handle. Designed by Walter Von Nessen. The Nessen Studios

# A LITTLE PORTFOLIO of GOOD INTERIORS



Dix Duryea

As it marks a transition between the indoors and the out, the sunroom takes on some of the character of each. The sunroom shown above, which is in the home of Grantland Rice, at Easthampton, L. I., has a background of emerald green walls glazed with aquamarine. Chair cushions and sofa are covered in a hand-blocked linen decorated with brilliant floral patterns against a yellow ground. Elizabeth H. Peacock, decorator



The revival of interest in Early American decoration brought along a revival in the popularity of pine paneled rooms. Some have the crudity of primitive days and some are finished with austere dignity befitting the simple, sturdy furniture designed to be placed before them. Such dignity and simplicity are to be found in this corner of the home of P. A. S. Franklin, Jr., located at Glen Head, L. I. The decorator was Jane Teller



The two views on this page are of the dining room in the Graniland Rice home at Easthampton, L. I. Both walls and ceiling are plastered and the wainscot, mantel, sideboards and trestle table are of old pine

Color is found in the curtains and the rug; the hangings buff with a fruit pattern in blue, henna and green over buff silk voile casement curtains. The interesting rug is a copy of an old hooked piece



The living room in Ring Lardner's home at Easthampton, L. I., is paneled and floored in Pine. Old tiles decorated with ships and flowers in mauve surround the fireplace opening. Elizabeth H. Peacock, decorator



In the Lardner living room hangings and upholstery are in copper-toned linen. The orange, yellow and green of its pattern are repeated in the old hooked rugs, and form a pleasant contrast to the Pine walls

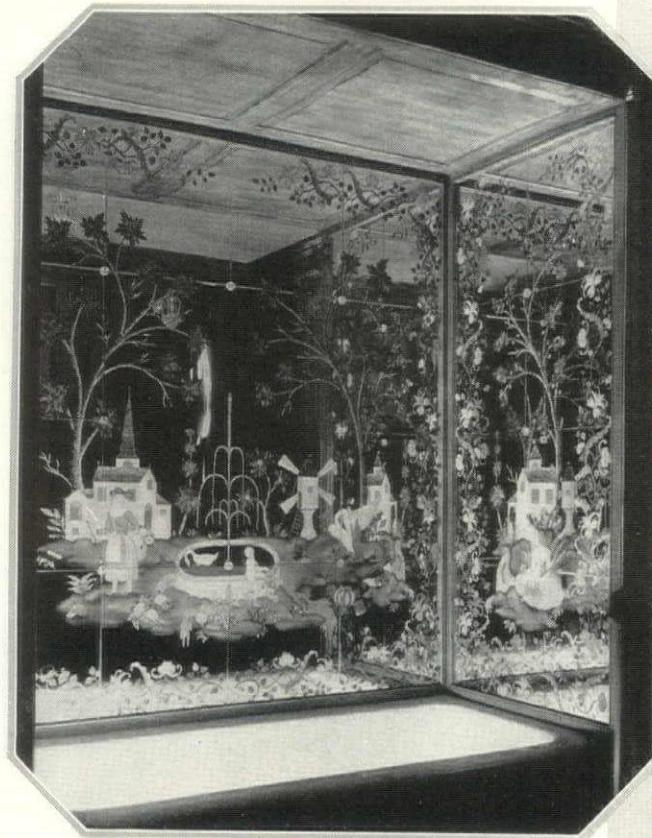


G. W. Harting

## PAINTED MIRRORS

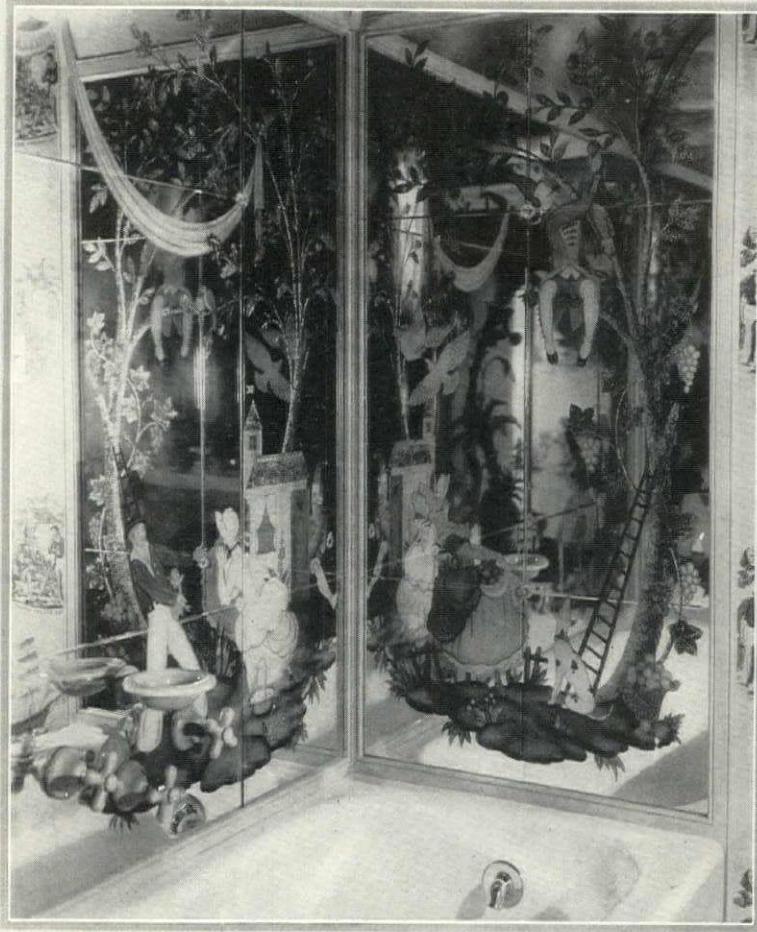
BY ROBERT PICHENOT

(Right) "The Sailor's Return" is depicted in this mirrored bath recess. The motif was inspired by a hand-blocked wall paper made for this room in the Southampton home of Colonel H. H. Rogers. It shows a sailor enjoying the tropical wealth of the South Seas



Above is another view of the bath alcove shown on the opposite page. The painted mirrors represent a naive 18th Century French peasant scene in tones of rose, green, beige and tan. This detail of the village green is a bright note amidst the walnut paneling about the niche

At the right is another view of "The Sailor's Return". In the far panel the bright red of the Hessian's uniform high up in a tree illuminates the rural scene. In the left panel the outstanding colors are the greens of the trees and the blue and white of the uniform



G. W. Harting

# AN OUTLINE OF GOTHIC FURNITURE

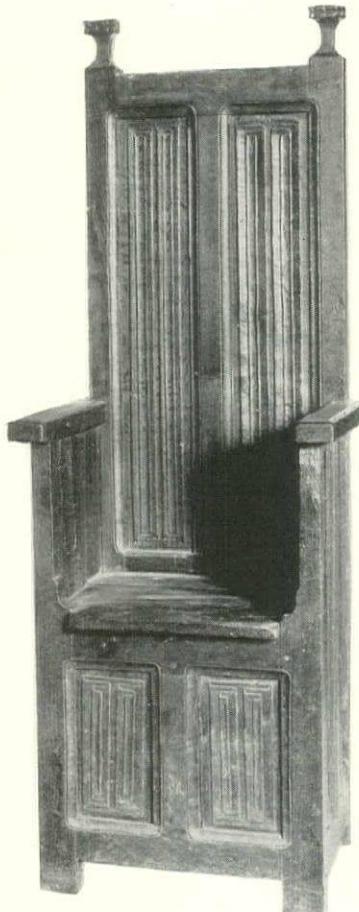
*The Massive Construction of These Pieces Was Offset by the Delicacy of Their Traceried Decoration*

MR. and MRS. G. GLEN GOULD

CLASSIC proportion and ornament were never submerged in Italy, but northern and western Europe felt successively the Celtic and Romanesque as they had the earlier styles of decoration, until they developed a superb and entrancing mode peculiarly their own in the Gothic style. The age of cathedral building, which followed the Crusades and the pushing of the Moors southward toward Africa into the narrowing kingdom of Granada, brought this new type of ornament into general use. It was espoused with the zeal of religious fervor and entered into the every-day lives of the people as had no kind of art or ornament since the great days of Greece. Everything that could be decorated in the home or in the Church had its bit of simple or elaborate Gothic tracery or piercing. A little food cupboard in a home-like kitchen was pierced with a simple ornament which was fashioned exactly like one of the motifs picked from the multiplied enrichment of a Cathedral.

Gothic construction is uniformly architectural, rectangular, solid, massive, made of wide planks in box-like form. Curvilinear and lighter construction is exceptional, but occurs in the curule or x-shaped chairs of Italy, France, and Spain, and also in the

*The 16th Century French cupboard below illustrates the rectangular construction of Gothic pieces and typical panel ornamentation. French & Co.*



*This Gothic chair of state shows the beauty of the Italian interpretation of linen-fold paneling details. It dates about 1490. From French & Co.*

curved Classic types in Italy and France, especially those executed in iron or bronze with back and arms carried out in a continuous railing curved about the seat.

Ornament consists of plain or decorated paneling, framed in molding; painting; applied plaster-work—molded, carved, painted and gilded; inlay; marquetry; carving—pierced, high and low relief. Painting—plain colors, or pictorial scenes, and figures. Carving—uses architectural motifs: trefoil—three-leaf or lobed motif— quatre-foil, etc.; grape-vine; crocket—small leaf cluster; crozier—leafage in curved form like a bishop's crook or crozier; rosace—rosette, a conventionalized flower; intricate tracery in compartment designs resembling Cathedral windows; and linen-fold—simulating folded or pleated cloth. Metal mounts—iron, elaborately wrought; long hinges end in foliations—leafage; locks are elaborately ornamented with tracery and piercing. Oak was much used in France, Flanders and England; walnut in France, Flanders, Italy and Spain; and other local woods in each country: beech, elm, and probably pine and chestnut in England.

Notable pieces are the painted Italian *cassone*—chest, and the French *coffre*—chest, with fine traceried carving; French

*Characteristic sharp definition of French carved tracery is very clearly shown in the walnut *crédence* below. (1500-1510) Note the decorated iron hinges*



and English *dressoir*—dresser or cupboard; inlaid Spanish *silla*—chair, especially curule; *buffet*—*créidence*, *credenza*, of France, Flanders, Italy and England; besides the imposing high-backed *dossier*—bench.

A brief classification will give the general scope of the Gothic styles as they are found in the furniture of these different countries.

#### FRANCE (1100-1515)

*Construction:* Rectangular, architectural in character.

*Ornament:* Design motifs are handled differently in various provinces, but French carving is generally distinguished by its sharp clean-cut detail, giving a flat effect across a minutely carved chest front; a typical precision, and nicety, an exquisite and finished effect, leaving nothing to the imagination but nothing further to be desired. Plain or stamped leather and fine textiles woven in Gothic ogival—pointed oval—and other designs were used for cushions and loose coverings on chairs and tables.

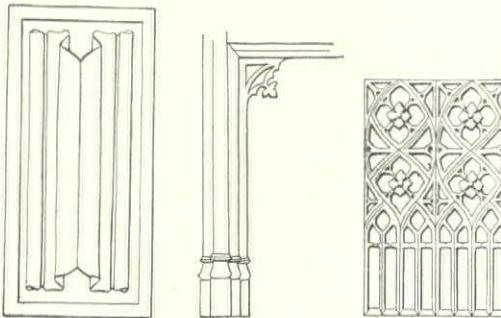
#### FLANDERS (1100-1500)

*Construction:* French in adjoining districts, primitive central European types in other sections.

*Ornament:* Sumptuous foliated arcades with scenic designs executed



Pure Gothic in style, this quite simply decorated Italian table was produced during the 15th Century. By courtesy of French & Co.

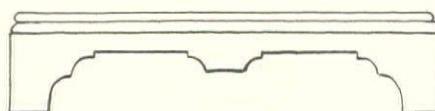


French linen-fold panel taken from a 15th Century crédenza

Tracery showing arch, ogival and quatrefoil; French (1500-1510)

(Above, center) Clusters of pillar leg from 15th Cent. crédenza

(Below) Base of French crédenza; straight bracket feet



The 15th Century English oak table below illustrates the effectiveness of simple characteristic ornament on a massive piece. Courtesy of French & Co.

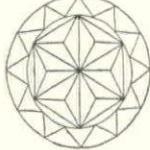


Carved and molded finial from an Italian chair



15th Cent. English Gothic crossace from oak chest

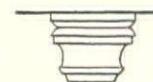
Table leg, collared and carved; Italian 15th Cent.



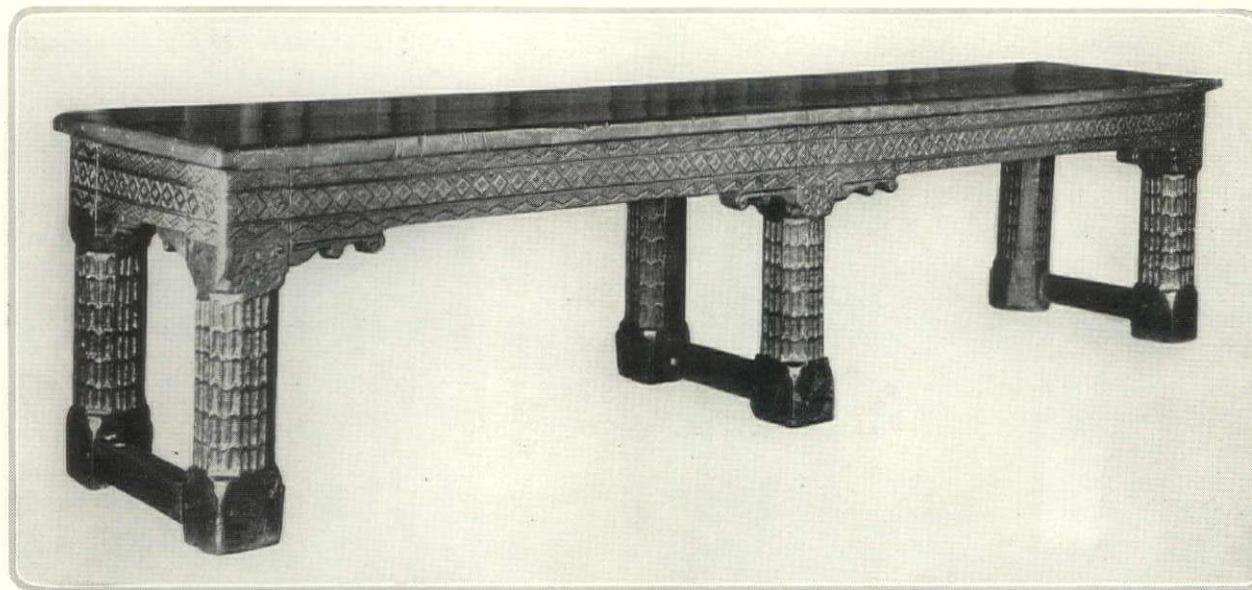
Pierced and foliated key-plate; French, 15th Cen.



(Right) Foliated iron hinge from a French armoire



Pendant taken from French 15th Century crédenza



in relief. Natural rendering of human figure and face, usually tending to caricature and satire.

#### SPAIN (1250-1700)

*Construction:* Rectangular and heavy in the north, and light scissor-forms in the south.

*Ornament:* French influence in the north, Italian in Barcelona. French designs were used by Moorish craftsmen. Superbly wrought leathers and sumptuous textiles, locks as elaborately ornate as fine lace work. Venetian *certosino*—inlaying—was popular.

#### PORTUGAL

*Construction and Ornament:* Quite similar to those of Spain given in detail above.

#### ITALY (1250-1400)

*Construction:* Rectangular, curvilinear in curule type.

*Ornament:* French influence in north, Oriental in Venice, elsewhere Romanesque. Multiplying of small rectangular panels; beautiful window-like tracery in compartment designs; carving, painting, gilding, *intarsia*—marquetry and inlay, *pastiglia*—gilded or colored plaster-work in relief—much gilding; Venetian *certosino*—black and white geometrical marquetry of wood, ivory, and other materials.

(Continued on page 154)

*Simply designed library steps of mahogany. Built about 1790. Shown by courtesy of the Hayden Company*



## V E R S A T I L E     L I B R A R Y     S T E P S

*Among the Interesting Furniture of the Past Are Tables, Chairs and Benches*

*That on Occasion Became Sets of Steps*

HAROLD D. EBERLEIN

THE latter part of the 18th Century might well be called "the age of ingenious gadgets" in the way of furniture. Of all the furniture designers of that time, Thomas Sheraton was the one who excelled in devising clever contrivances so that one piece could fulfill two or three utterly different purposes. By pushing a spring or pulling out a slide, a chair, a table, or whatever else it might be, or seem to be, was immediately transformed into something altogether different, with an altogether different use.

There were the "Harlequin" tables, for example, that did all manner of marvelous things and took on a diversity of shapes, if properly manipulated by one who understood how to push all the springs and pull all the slides. Then there were the dressing stands, fully equipped with mirrors, patch boxes, pomade jars, powdering paraphernalia and every imaginable toilet accessory devotees of fashion could wish, that turned into side tables by merely pushing in a drawer. Again, many pieces of furniture, that looked like what they really were, had innumerable little extras incorporated and concealed somewhere in their make-up that served for a great variety of uses.

Though Sheraton's delight in nicely-adjusted mechanical concealments and surprises put him at the top of the list of those who devised things of the sort, he was by no means the first to do so. The middle of the 18th Century saw the beginning of many specialised elegancies in furniture, though it may be left for the end of the era to invent such attractions as an "elliptic bed for single ladies," a conceit of doubtful comfort, albeit a contemporary description

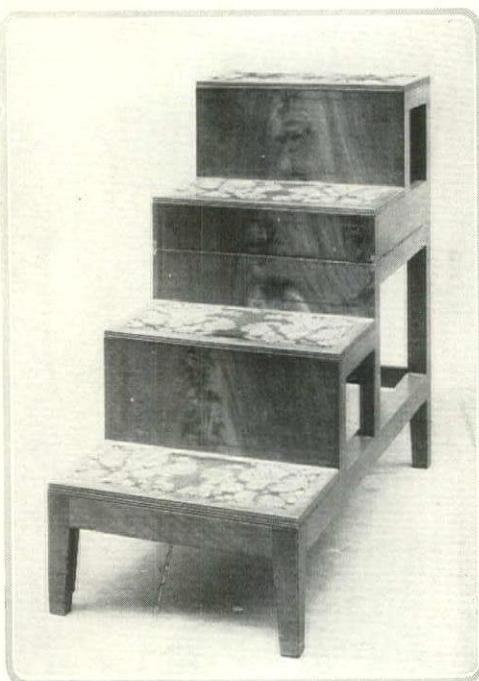
informs us that it is "neat and handsome."

Library steps began to make their appearance frequently enough to get general recognition and approval just about the time the third George ascended the throne. Many of these sets of library steps, of good design and workmanship, had no convertible features. They were fitted with either wooden wheels or brass castors to facilitate trundling them about from one place to another. Some resembled light portable pulpits, with a lectern-like rack attached to the hand-rail that guarded the top step or platform. These pieces of furniture, described by Sheraton in his *Cabinetmaker's Dictionary* as steps "placed in a library for the

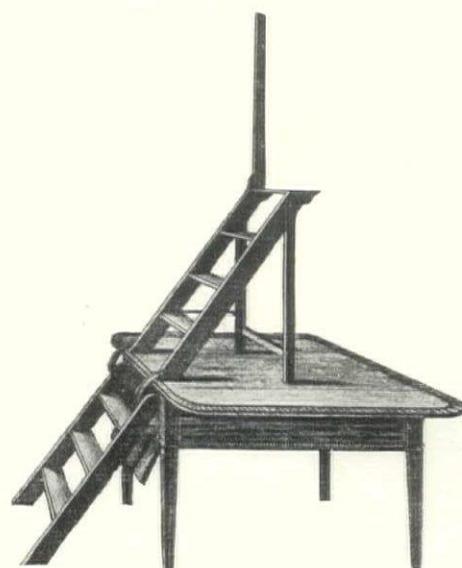
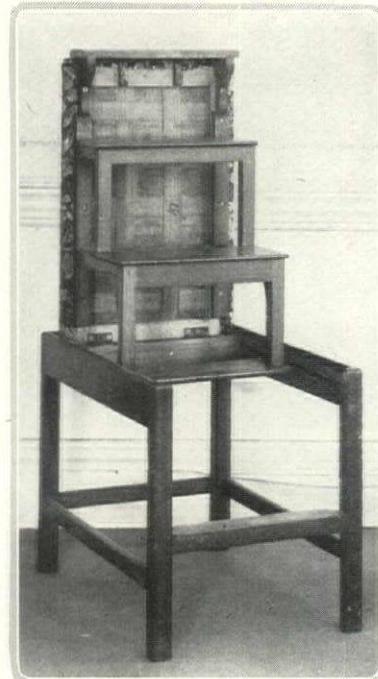
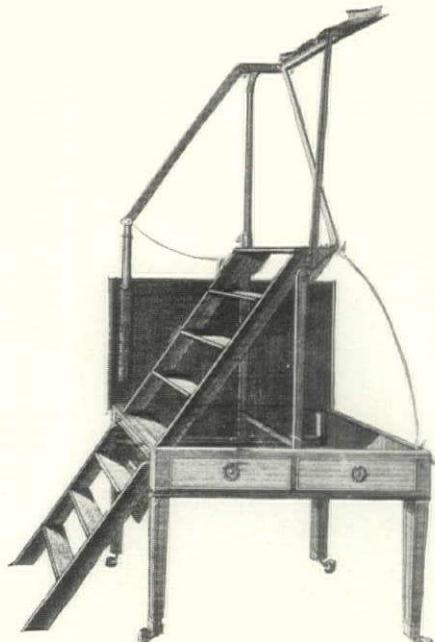
use of raising a person so as to reach any book," were ascended by flights of steps, either straight or winding, and had hand-rails on one or both sides. But at best they were always somewhat ungainly objects and very apt to be in the way in any except the largest libraries.

During the 18th Century the libraries in private houses increased greatly in size; with the rapidly growing number of books in private possession, it would have been impossible to keep the volumes "lying one upon another on my chairs", as Mr. Pepys tells us in his *Diary* he did his until he got his first book-press from "Simpson the joiner." Nor did the bureau-bookcases and comparatively small book-presses or cupboards suffice. We have the abundant evidence of interior architecture, showing how customary it was to have libraries lined with bookshelves extending all the way to the ceiling, and library steps of the portable pulpit type "to raise a person so as to reach any book" on the top shelves took up altogether too much space in a room of ordinary size.

Necessity, therefore, promptly brought forth the invention of chairs, stools and tables made in combination with steps, so that when the steps were not in use they could be folded away and the chair or table resumed its wonted appearance and use. From the middle of the 18th Century onward, library steps of this kind were of common occurrence and, by the end of the



*Library step-stool of mahogany fashioned in the Sheraton manner. It becomes a long stool when the top steps are closed down upon the lower ones. Made in England about 1800*



Ingenious combination table and library steps from an illustration in Sheraton's "Drawing Book". One of these was made for George III of England

century, they were to be found in every well-appointed library.

Some of the earlier attempts at these "two-in-one" pieces of furniture were long stools which, when turned on end, disclosed a ladder-like flight of steps none too well balanced. These rather clumsy objects soon gave place to such better-schemed means of ascent as the straight-legged stool illustrated. One of the side stretchers forms the first step; the others are ready for use directly the hinged seat is raised. Not a few of these step-stools were handsome and elaborate pieces, with the step feature so cunningly concealed, in frequent in-



(Top, center) Mahogany library step-stool open for use as steps. The sturdiness of its construction is apparent in the photograph

(Above) When closed the step-stool at the top of the page makes a convenient and certainly not ill-appearing stool. Made in 1780

Also from the "Drawing Book" is this design of a step-table carried out by Sheraton. It is not as elaborately constructed as the one shown at the left of the page

stances, that its existence could scarcely be suspected and when the transformation took place it was always the occasion of pleasant surprise.

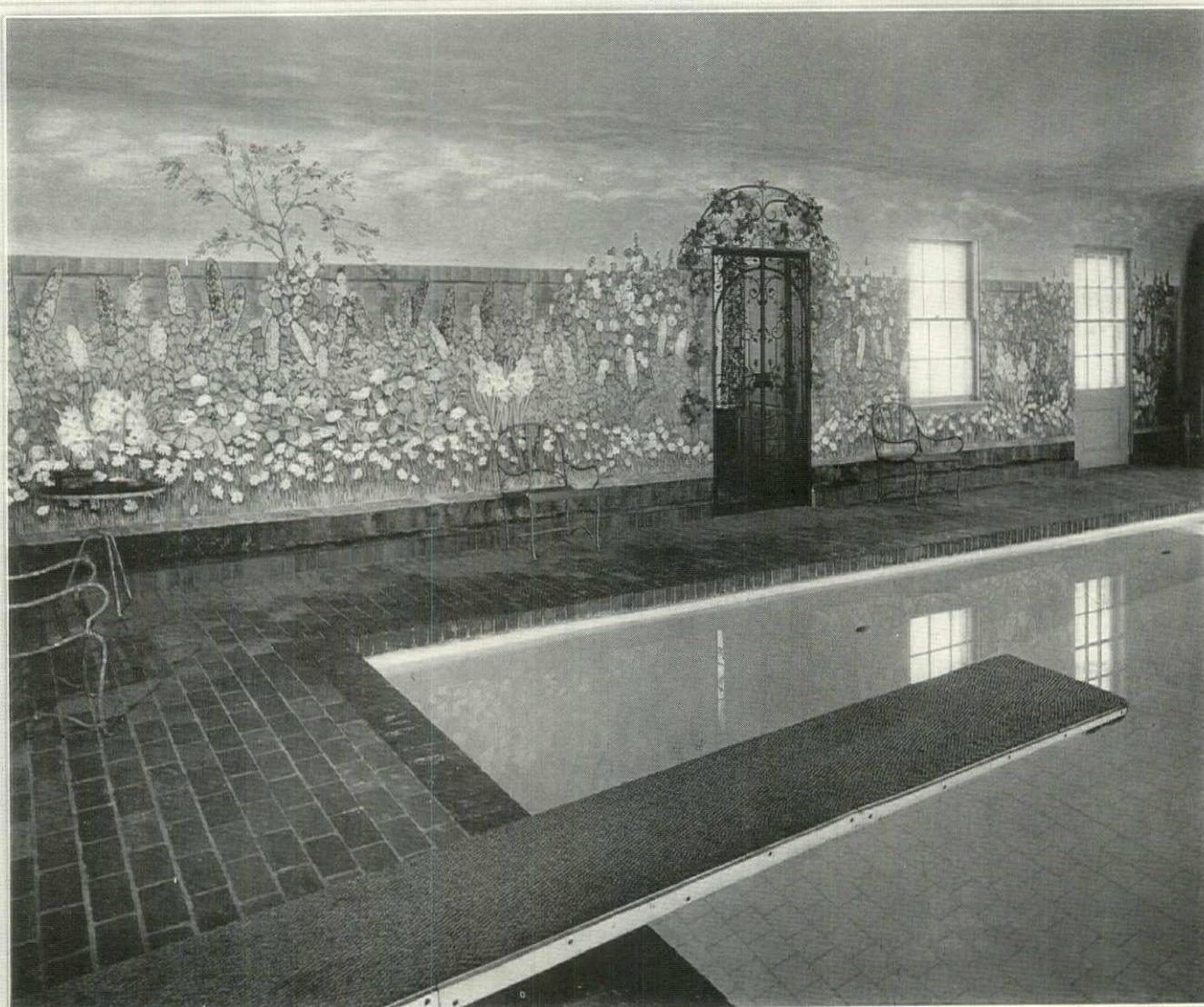
Chairs, as subjects for transformation into library steps, were no less successful than stools. The early 19th Century mahogany-caned armchair of Regency type, convertible into a staunchly made four-step flight of library steps by merely pulling the top-rail of the chairback towards you, is not only a thoroughly typical piece of library furniture of the period, but also a successful piece of furniture as a chair, for it is well-designed, strongly

(Continued on page 156)



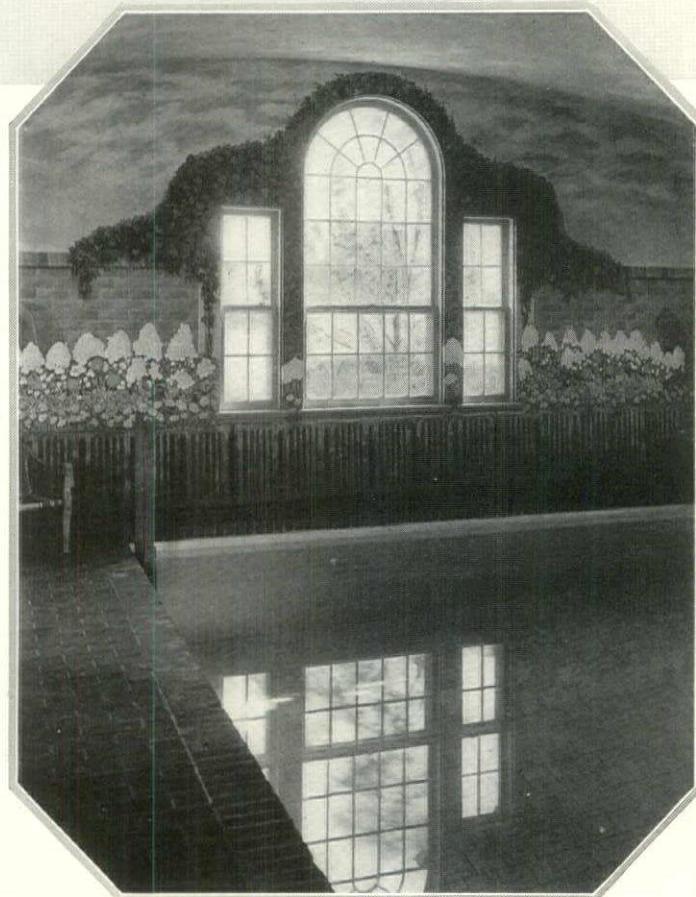
A cane-seated armchair of the Regency period easily becomes a set of library steps, as shown at the extreme right. Early 19th Century piece

From these steps to the chair alongside seems a far cry yet such was the ingenuity of the designer that both are one and the same piece



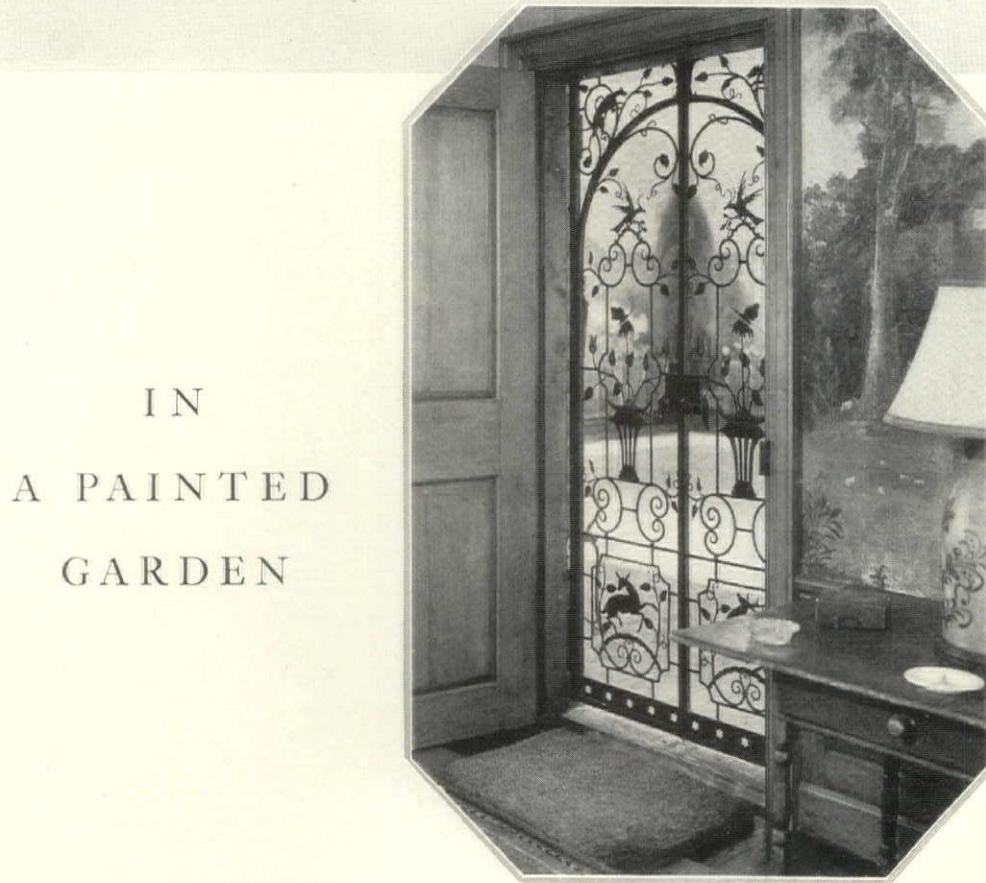
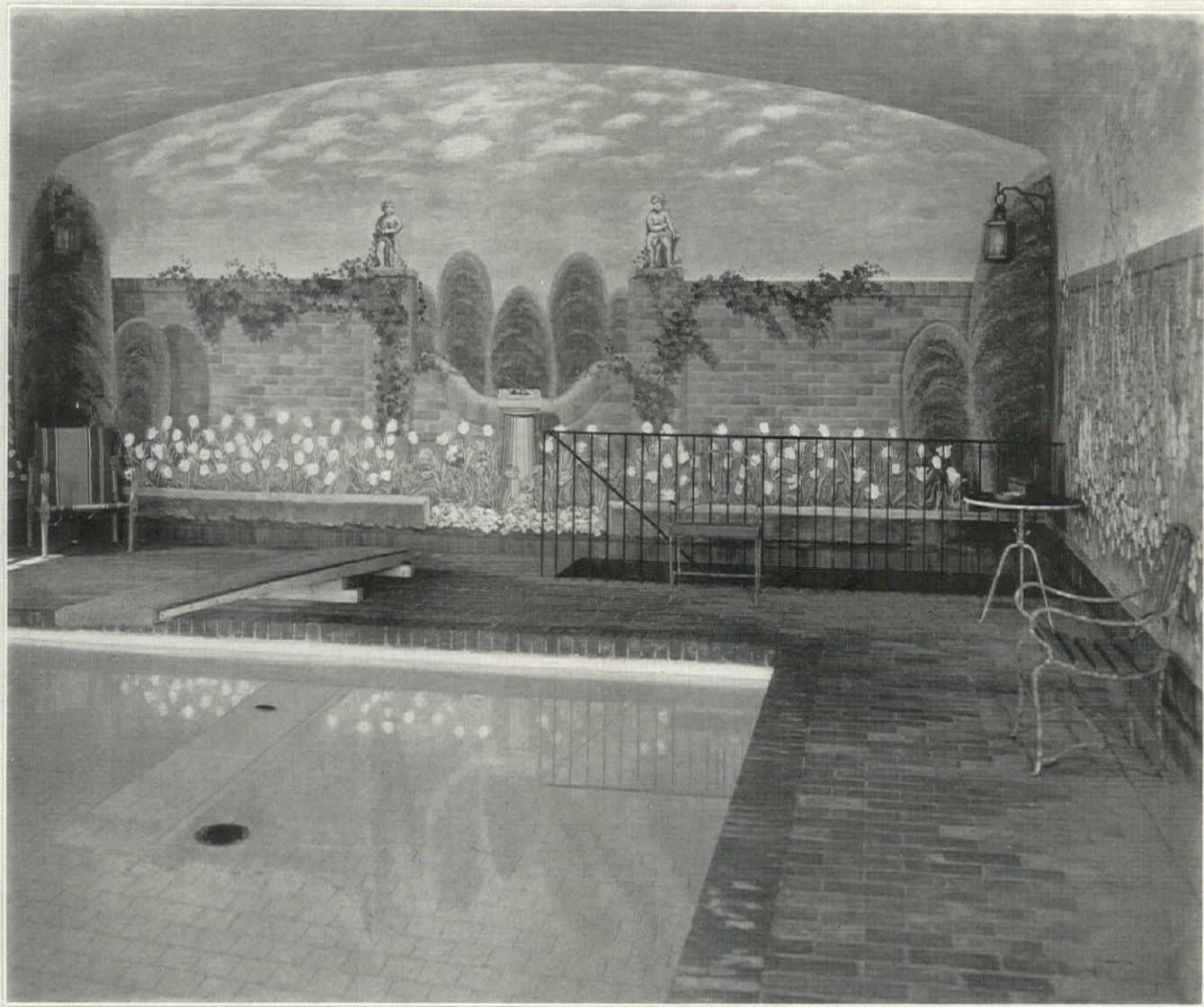
G. W. Harting

The background of this indoor swimming pool on the estate of Mrs. J. Watson Webb, at Westbury, L. I., was painted by Mary Prindiville to represent a walled garden banked with old-fashioned flowers. Feathery trees and an Ivy entwined overdoor break the lines of the walls



At one end is a Palladian window wreathed in ivy and brilliantly reflected in the sapphire waters of the pool. This is draped with massed Ivy and bordered on either side by banks of panicled white Phlox, red Poppies, Pinks and yellow Daisies—vivid color notes against the pink brick wall

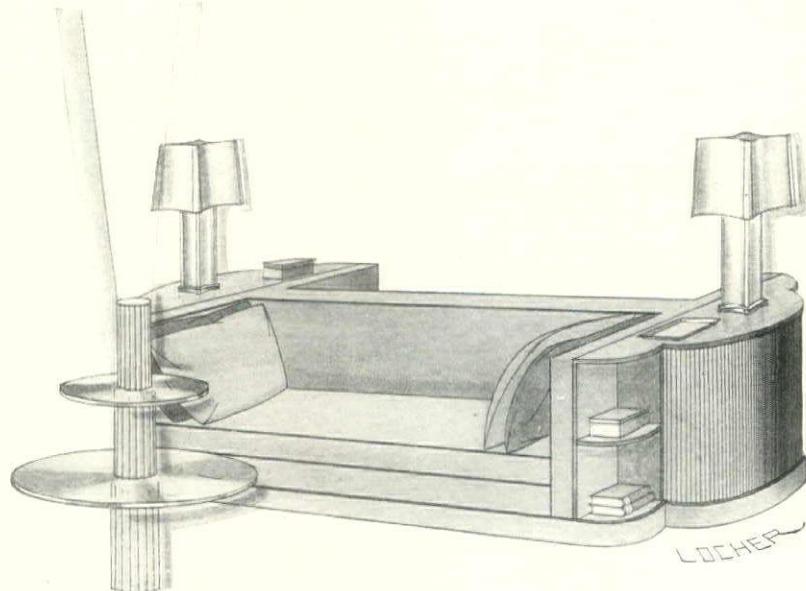
## AN INDOOR POOL



IN  
A PAINTED  
GARDEN

*In painting the walls and ceiling of this room, Miss Prindiville was particularly successful in capturing the changing tints of a summer sky. An azure ceiling shades through pale yellow to the sunset pinks of the brick wall. The brick walk about the pool furthers the garden note*

*The end facing the large window shows a pleasing vista of a cloud flecked sky and Box trees seen through a break in the Tulip-banked wall. Iron furniture and a decorative grille door executed in a design of butterflies, birds and flowers emphasize the feeling of outdoors*



## HOUSE & GARDEN'S MODERN HOUSE

*A Scheme for A White Living Room Entirely Developed*

*In the Twentieth Century Taste*

ROBERT E. LOCHER

SINCE conservation of space is an item to be considered in almost any modern building, particularly in the majority of present day apartment houses, the idea back of the living room illustrating this article was to create an interior that would answer the purpose of three rooms in one. This three-in-one project does not necessarily involve any loss of space; it merely means that by careful planning three different activities having to do with every day living can take place comfortably in one room.

The room in question is fairly large, the principal living apartment of a modern house, with access to a hallway and to a dining room. The floor level being lower than that of the adjoining rooms permits of a high ceiling. The space is divided into three equal sections, and to each of these is allotted its separate use. The divisions, however, are indicated merely by decorative piers and by the placing of the furniture so as to allow the apartment to be contemplated as a spacious whole.

The doorway to the hall faces the fireplace and the section of the room surrounding this entrance is used as a lounge and reception room, being furnished with comfortable chairs and occasional tables. This portion occupies the right end of the plan shown on the opposite page. The dining room entrance centers the wall at the left of the hall door and is flanked by a pair of simple niches; the opposite wall features three windows overlooking a trellis garden. This center section with access to the dining room may be used as a meeting place before and after meals for cocktails, coffee, etc. The third section of the room

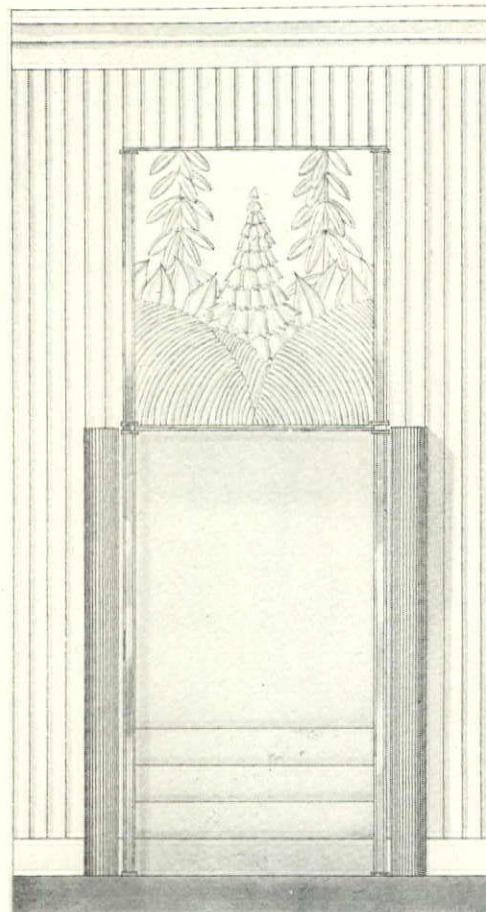
is the portion shown directly in front of the fireplace. This space is raised one step and forms a really delightful place for relaxation, reading or conversation.

A scheme of white and blonde colors was selected for this room as these pale tones are restful and form a flattering setting for the modern personality. The

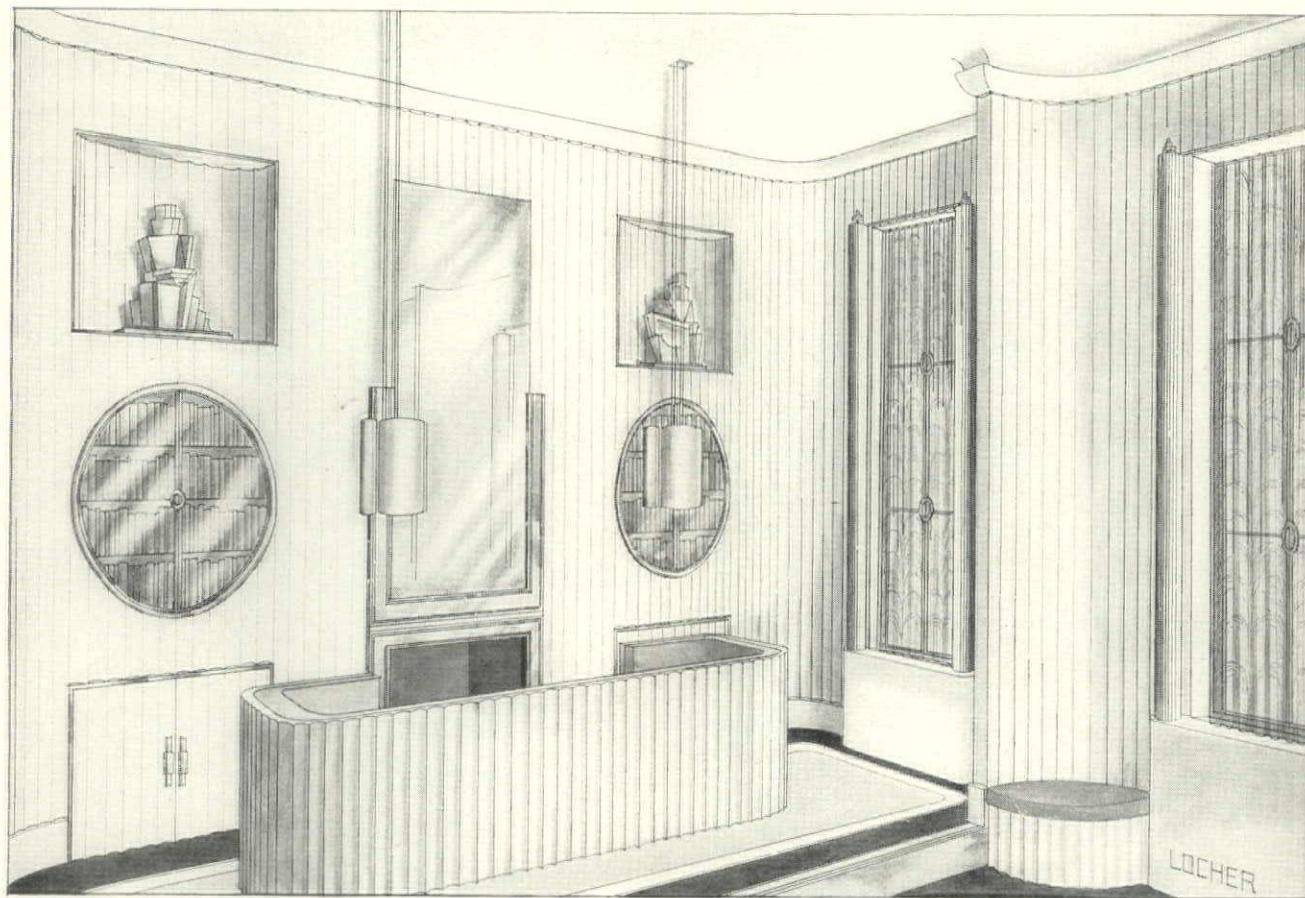
entire surface of the walls was finished in hand-tooled fluted plaster painted flat white. This treatment is valuable in that it serves to exaggerate the height of the room; it is also unusually decorative as the fluted surface invites a subtle play of light and shade. The motif of the upright lines is repeated again in the reeded flexible screens which are employed at windows and entrances in order to do away with the necessity for using draperies and doors.

The floor is of beige colored terrazzo finished with two borders, the first of henna, the second of white. Metal lines of different widths, silver finished, define the spacing of each color. Decorative fur rugs and skins are to be used where required for warmth and comfort. The window, door, bookcase and cupboard trim is of metal finished to resemble brushed silver.

Where feasible, stationary furniture was used, designed and finished in close relationship to the room proper. The largest stationary piece is the two-way couch which acts as a division between the first two sections of the room. The couch ends have center sections with tambour sliding doors to conceal shelves for books and accessories. The wood is natural colored curly maple with an overlay at all exposed edges of European cherry. This practical and comfortable piece is covered in honey beige leather, with cushions in ivory and tête de



*The doorways in this white room have silver metal frames and flexible reeded screens in place of doors. Above is a decorative painting in shades of white*



nègre color. In front of this is a stationary dumbwaiter table with fluted supports and two circular tiers of heavy plate glass. The top fluted section is lined with mirrored glass and contains a brilliant light which is reflected on the ceiling. Stationary also is the couch in front of the fireplace which has a framework fluted to correspond with the walls. It also is covered in leather in honey beige color. The mirror and fireplace trim are of thick glass, mitre cut and silvered. This section of the room has rounded corners and the wall surface is finished in the same fluted form as the side walls.

The lighting in this room is particularly interesting. At the ends of the two-way couch are lamps and shades made of cylindrical shapes of glass mirrored and mounted in chromium plated metal. These provide sufficient light for the center portion of the apartment. At the fireplace end of the room are two modern drop lights shaded with shaped pieces of sanded and of mirrored glass. The simple cornice molding is arranged to take care of a system of indirect lighting when more illumination is required.

A pleasing departure from the customary window treatment is a feature of this room. In place of draperies, flexible roller screens are used at all the windows. The silver metal casements are hung with white marquisette embroidered in white silk in an effective modern design.

The plan at the foot of this page explains the manner

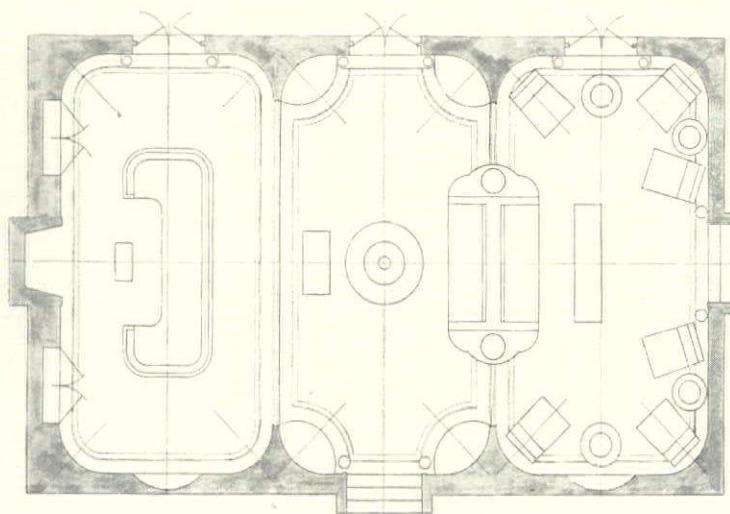
*The walls are hand-tooled plaster, fluted and painted flat white. The window and door trim is silver finished metal and the floor is beige terrazzo with a border in henna and white*

in which one room may be made to serve three purposes and still retain an atmosphere of spaciousness. The secret lies in the placing of the furniture. The section of the room entered from the hallway contains the most pieces, but so well are the numerous chairs and small tables arranged—well away from the middle of the room—that a person on entering is not conscious of them and there is no sense of overcrowding. Here is ample space for three or four separate groups of people due to the carefully placed furniture which is arranged around the walls so as to leave the center free. Very little furniture is to be found in the center section. Here the large

couch with its ends serving the purpose of occasional tables and cupboards is sufficient. The lack of furniture in this portion results in no sense of bareness, however, due to the niches which are set in the four corners. The commodious, long sofa seats three people and if more persons desire to use this space after dinner, chairs may be moved in from the end of the room. The same arrangement holds true of the fireplace end.

The success of any interior is largely dependent on the manner in which the various pieces of furniture are grouped. And nowhere is this more true than in the interior furnished along contemporary lines. Here a feeling of spaciousness is not only desirable but is quite an essential of modernist decoration which insists on simplicity, directness and an absence of cluttering detail. Furniture arrangement is essentially practical. In the first place the new chairs and sofas are deliciously comfortable and they are logically placed in a room so as to contribute to ease of living.

Small tables are found where needed and are rarely used merely as decoration. This practical aspect is observable throughout the whole of contemporary decoration. In this age of restlessness and speed, utility comes first.



*The plan shows the division of the room into three sections by means of decorative piers and furniture arrangement. It was designed by Robert E. Locher*

# SCHEMES FOR A DAFFODIL HOUSE

*Suggestions for Five Rooms and a Porch of a Residence*

*Which Uses Yellow As the Main Theme*

AGNES FOSTER WRIGHT

ONCE upon a time I saw a little square house set picturesquely in the midst of an orchard. It was painted white, a flaky white that cast soft, purple shadows, and all around under the apple trees, up the front bricked walk and in the little semi-circular flower beds were Daffodils and Poet Narcissi of every shade of white and yellow. The house had no blinds, but at each square window was a clear yellow window shade. This crisp, little house intrigued me, so on some sheer excuse I ventured in. A shiny brass bell and a shiny brass door-knocker caught and reflected the yellow sun, and I wasn't a bit surprised to find the maid that opened the door dressed in snowy white with a yellow apron and cap. When the lady of the sunshine house descended she was as I had anticipated, dressed in yellow organdie, and with gleaming golden hair. I recognized her at once. We had known each other in London and, curiously enough, the last time I had tea'd with her, I spent over two hours getting back to my hotel, only five blocks from her doorstep through one of London's fogs. We recalled that incident and it proved the explanation of her present house and its color.

An American, born and bred on the Côte d'Azur, she had married an Englishman, who had taken her back to London where for eight long years she had pined for warmth. The husband then went North, probably drawn by the lure of the midnight sun, and providentially disappeared, so she came to Connecticut, impelled by a longing for a more gracious setting, and built herself this gay little house. I always think the decorations of a house should reflect a slice of one's life—so here we have it.

The living room—morning room, she called it—was square, with a flat open fireplace and a French door giving onto a verandah. This was six feet above the ground so that one looked into the apple trees and down onto the Daffodils below. The floor of this porch was covered in white canvas, heavily painted, and the furniture was modernistic in character, of split reed striped in yellow and white and fitted with yellow waterproof cushions. The pillows were white chambray bound with yellow and tufted with yellow worsted. These looked like some gay modernistic flower but were most comfortable. Canary vines climbed the iron supports to the yellow and white striped awning covering the porch.

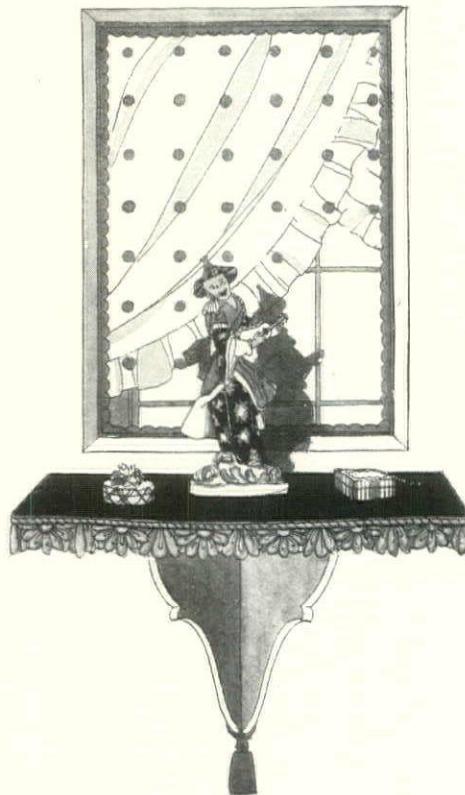
The morning room had white walls with a yellow ceiling, and a light green rug was on the waxed pine floor. The corners

opposite the fireplace were cut off and bookcases built in, carried up to the ceiling. On the top shelf were ormolu figures, gilded, and I recognized them as being modern German pressed iron work, now readily available. A small tawny yellow fur rug was in front of the fireplace and on either side was a small Louis XVI chair with a white frame upholstered in yellow sprigged satin. Between was a long bench which also served as a tea table. Opposite the fireplace between the windows was a

used in panels, an inexpensive adaptation of a Chinese paper with a yellow ground. The baseboard was a rich deep yellow and the floor was painted green and varnished. Ruffled curtains of cream net with a huge polka dot hung to the floor. No overcurtains were used here on account of the interest of the wall paper. The dining table was an ordinary table that had been given many coats of white paint and then varnished. This gleaming white surface lent itself to all sorts of table decorations and was particularly effective with colored linen. The chairs were painted with a lighter yellow than the baseboard and were upholstered in a little yellow starred percale again reminiscent of the Daffodils outside. Two console shelves were painted white and edged with the narrow gilt tin bands that are used for cornice boards. These are now being made in a variety of interesting patterns, many of them copies of old designs. Mirrors were paneled into the wall above the consoles and edged with narrow frames corresponding to the console aprons.

The bedroom above the morning room was square also and had an open fireplace with an old white marble mantel of Victorian feeling. A slender maple four-poster bed was draped in a chintz of Crocuses on a yellow ground and the same chintz made the simple curtains and was applied to the wall above the white paneled wainscot. Between the windows stood a dressing table hung in bouffant yellow organdie that shaded from deep yellow through light orange to pale lemon. A pair of roomy upholstered chairs flanked the fireplace and a combination breakfast and desk table on rollers stood by the third window.

Accents of yellow were found in the other bedroom which had a blue wall paper patterned with little fruit bunches in gold, made originally, I am told, in France for the Colonial trade and now reproduced here. There were plum organdie curtains at the windows and the mahogany beds had covers of yellow and ivory stripe. A mahogany lingerie bureau and a small mahogany desk with a white and blue painted chair completed the furniture. The bathroom had a light blue marbleized paper treated to withstand water, and the ample shelves and cupboards were equipped with blue organdie pads filled with lavender leaves. As I looked out of the window I saw a smart little roadster painted bright yellow. That, too, in protest against the years in London so far away from the Côte d'Azur and the sunshine of the Connecticut hills.



high French walnut desk. The long curtains were of white percale lined with yellow chintz and finished with ruffles edged with the lining. Decorative tie-backs in a design of porcelain lilies held them back. There were no curtains at the French doors but the window sashes were yellow. A small sofa with a gay chintz slip cover in yellows and greens, a chaise longue and a few comfortable chairs made up the furniture.

In the hallway the walls were covered in white paper with a gold lattice design. The ceiling here was blue, and the rugs hooked with yellow and mulberry. Two wire plant stands holding stiff rows of potted plants were mounted on wheels and on rainy days these were rolled out of doors. There was the usual small table and mirror and a pair of Colonial chairs in yellow.

The dining room had a flowered paper

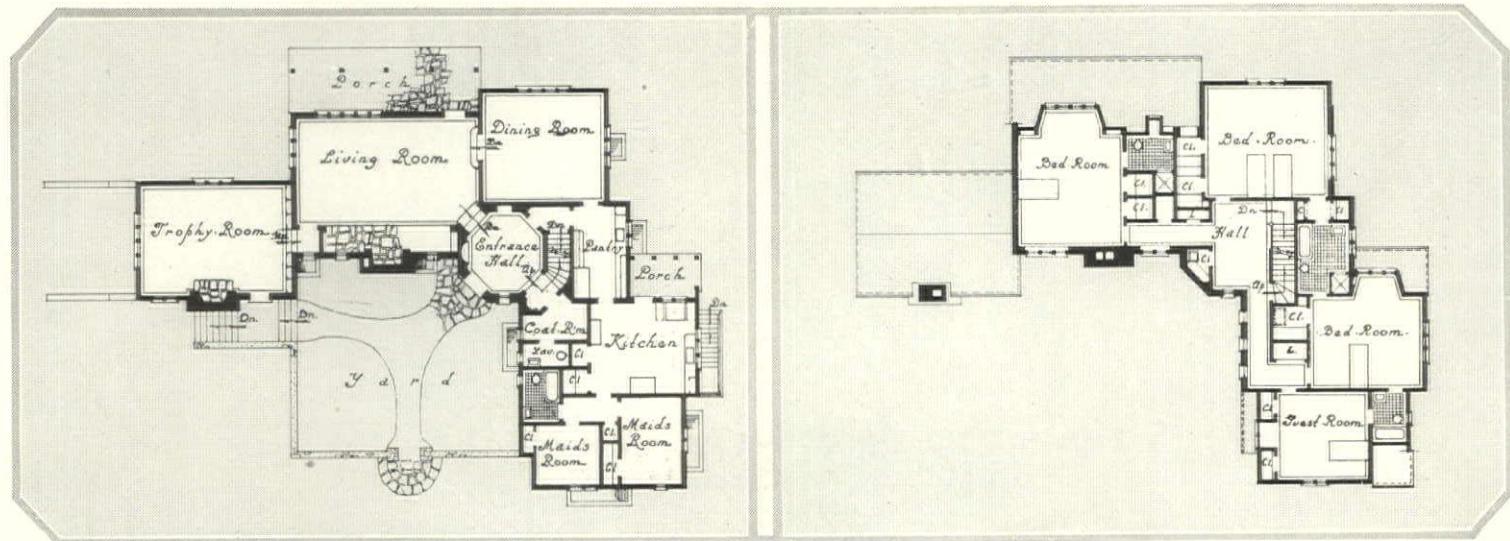


S. H. Gottscho

Although the various details of Fenley Hunter's residence at Great Neck, L. I., hark back to Spain, France, Italy or England, from this side the composition takes on a picturesque Norman-French character. LeRoy P. Ward, architect

## PORTO BELLO A LONG ISLAND COUNTRY HOME

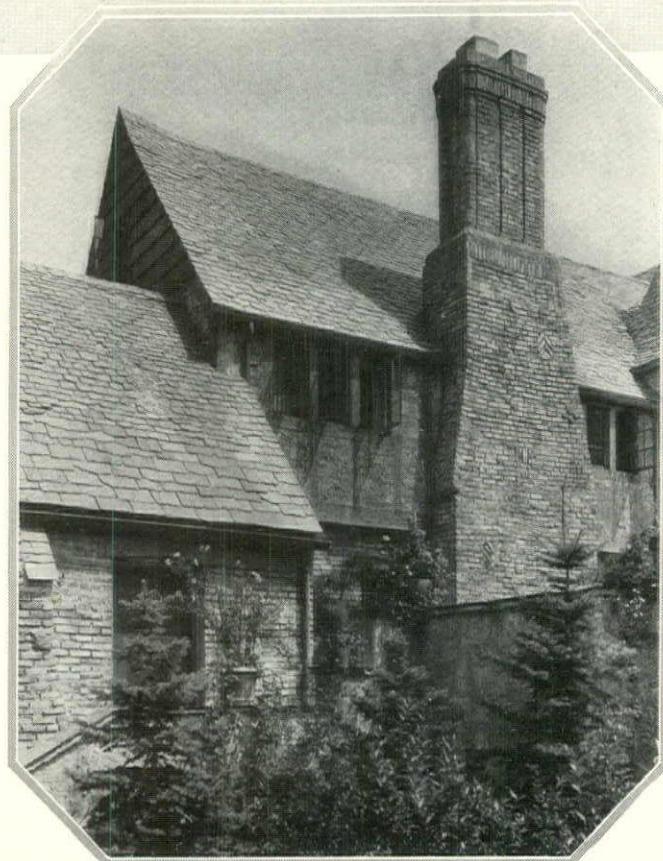
First floor rooms were planned about a central octagonal entrance hall, decorated with recessed niche panels from Spain. Kitchen and servants' quarters are in the right hand wing while the living rooms are to the left of the tower





*On the rear, the roof above the living room section has been brought down in a graceful line to cover a porch. A long shed dormer and a small peak dormer break into the long roof sweep. Hand-hewn log steps carry from the annual garden to the porch terrace level*

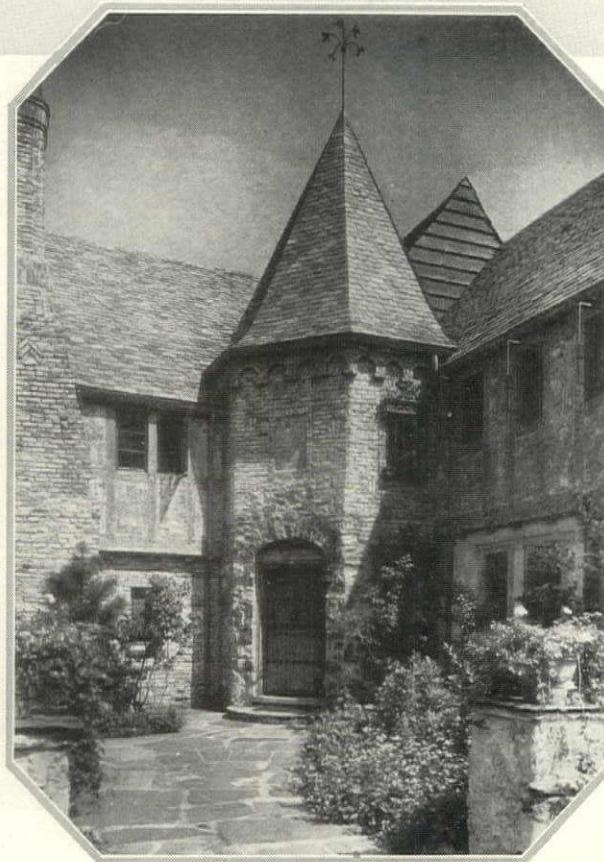
Gottsch



*Variations of wall treatment feature this house. Brick, stucco, hand-hewn siding and timbering are introduced in a harmonious fashion and over all pervades a rich mellowness, product of subtle artistry. The silhouette weathervane is an 18th Century piece found in France*



THE ESTATE OF  
FENLEY HUNTER  
AT GREAT NECK

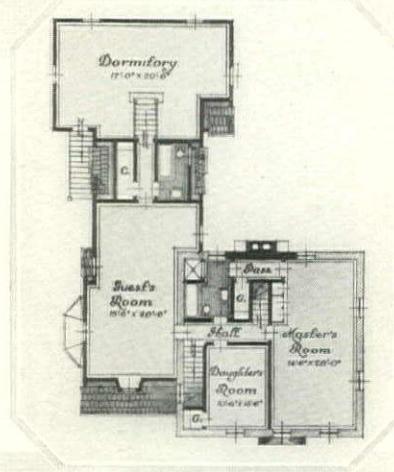


*Fit companion to the walls are the roofs; soft toned slates follow pleasantly irregular lines and weave interesting color patterns. The cartouche on the chimney came from an old Spanish building. This is a close-up of a portion of the front façade, also shown on page 117*

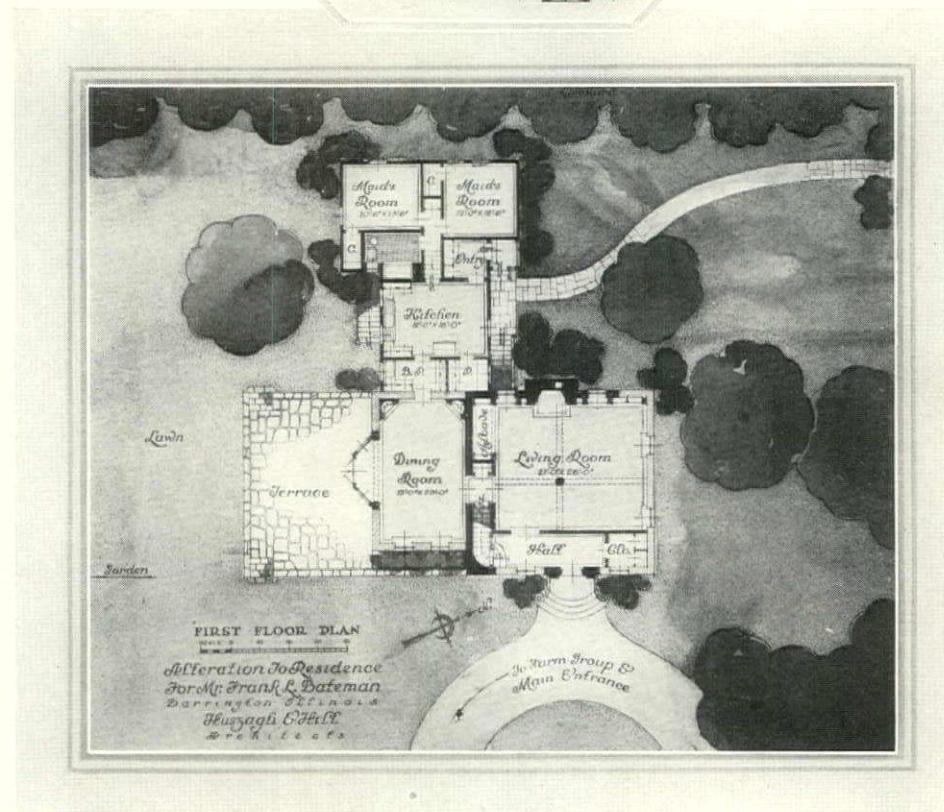
*A 16th Century Spanish door, still retaining its original hardware, dictated the spirit of the entrance. Ledge rock and field-stone have here been set into the brick walls to provide the desired rustic, old-world setting. An old wrought-iron finial in a floral form tops the tower*



A splendid example of what intelligent remodeling can accomplish is afforded by the "before and after" photographs on these pages. Above is the original house—built in the substantial yet architecturally grotesque manner of the last century—and on the opposite page is the same house after alteration



In addition to changes made in the original structure, a two-story addition has been constructed at the rear which houses the kitchen, two maids' rooms and bath, and, on the second floor, a large dormitory and bath. The residence of Frank L. Bateman, Barrington, Ill. Huszagh & Hill were the architects



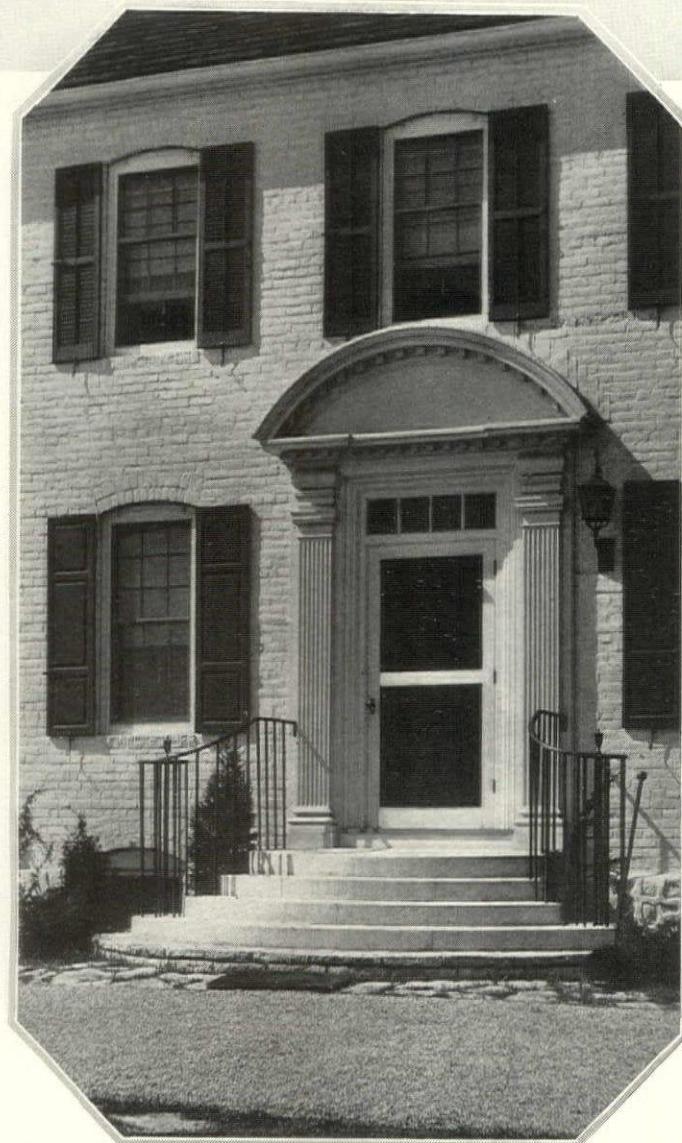


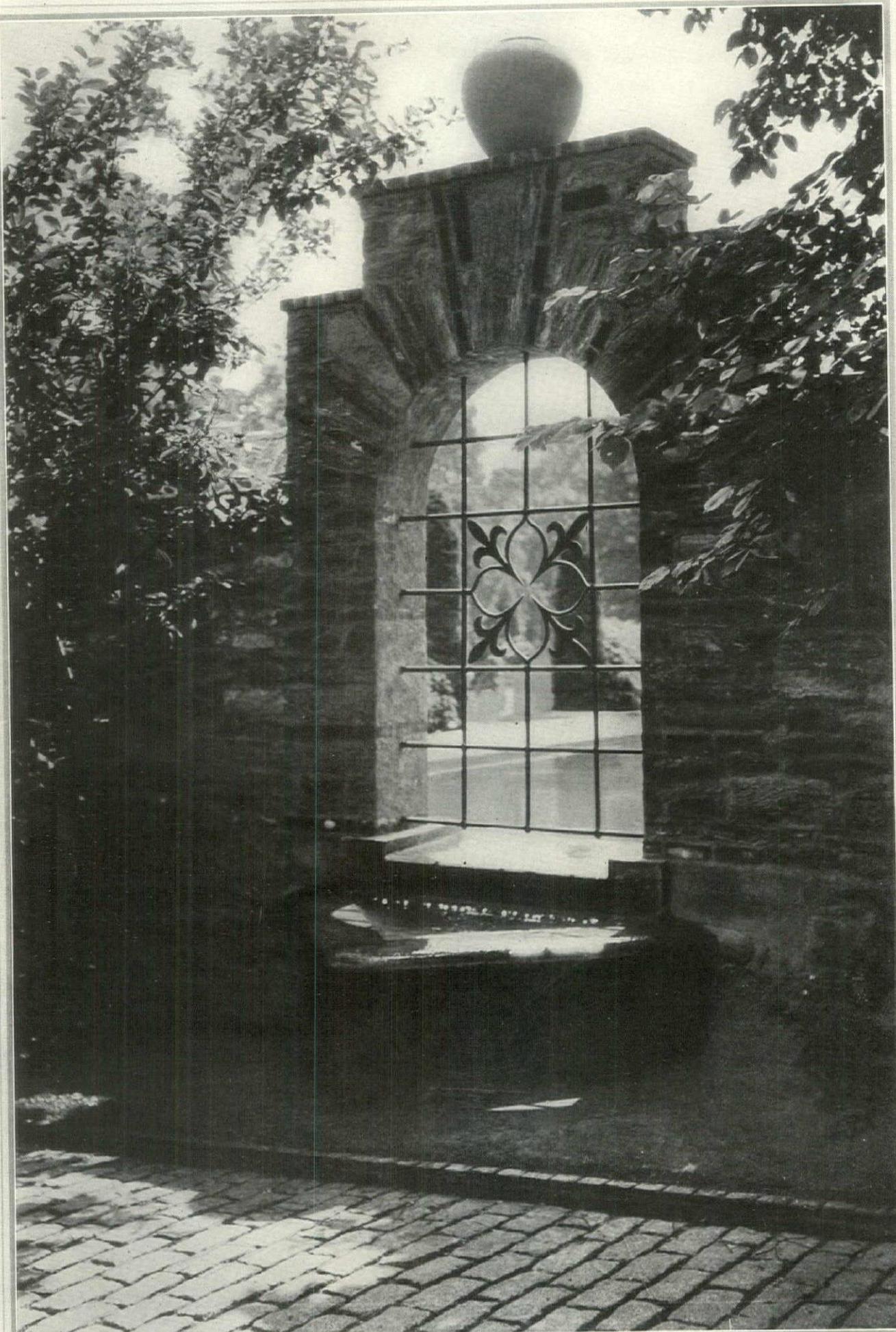
Trowbridge

*Unsightly dormers have been exchanged for more interesting types. The roof line of the left hand wing has been altered and below a bay window was inserted to provide additional light in the dining room. Whitewash covers the bricks*

*The Georgian entrance used on Mr. Bateman's residence is an adaptation of that of the Royall house at Medford, Mass. Broad stone steps lead to the door and delicate iron handrails guard their edges. Note the texture of the old brick wall*

## REMODELING A 19TH CENTURY BRICK HOUSE





PAVING  
IN THREE OLD  
STYLES

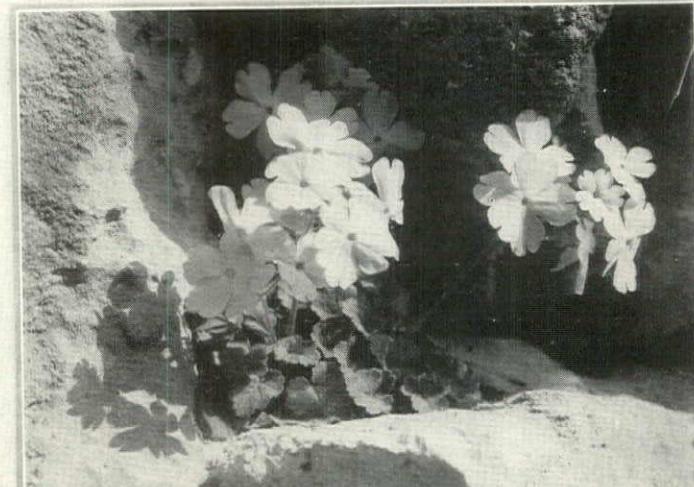
*With stone block paving inevitably comes the memory of a rumbling coach and the clank of well-shod hoofs striking the stones. Today a motor car purrs softly over their surface, but the association still abides, and the usefulness and beauty of this paving for an entrance drive is still undisputed. These examples are on the place of Mrs. Francis S. McIlhenney, Chestnut Hill, Pa., of which Arthur F. Meigs was architect.*



*In many instances, where the surrounding architecture calls for it, the forecourt may be paved with large flat stones. If they are laid in concentric rings, as here, to form the semblance of a pattern, the paving, besides being permanent and eminently practical, will soon assume a beauty that amply justifies its expense.*

*The custom of making garden steps of pebbles set in cement goes far back to the misty beginnings of garden design and will probably continue to enjoy favor until the end of time. Here sloping steps with shallow stone risers give easy and safe ascent to a sloping bank and make a colorful and ever changing pattern.*

Certain of the Primroses are lime-lovers, among them *P. calciphila*, a lovely native of the cliffs along the Yangtsze gorges in China



## PRIMROSES FROM FOREIGN LANDS

*A Great Flower Family That Gives Us Many Worthy Kinds for  
A Variety of Garden Uses and Situations*

E. H. WILSON, V. M. H.

*Keeper of the Arnold Arboretum*

WITH the Anglo-Saxon, Primroses have ever been firm favorites and in the earliest of our gardens they were grown and regarded as old, old friends. Good Gerarde in his *Herball*, published in 1597, figures seventeen different Primroses and in quaint English descants on their beauty, their familiarity and their medicinal virtues. He pictures the Common Primrose, both the wilding and its double white form, also the Polyanthus in double and hose-in-hose types. The Auricula he calls Beares Eare or Mountain Cowslips and figures no less than six sorts each with different flowers. All were evidently well known in Gerarde's time, for he writes about most of them as being "so common needeth no descriptions". His fancy was evidently for the double flowered forms, for of the double Polyanthus he writes, "Our garden double Primrose of all the rest is of greatest beauty". Further he states that "Cowslips and Primroses enjoy moist and dankish places but not altogether covered with water; they are found in woods and on the border of fields". Of the Auriculas he says, "There be divers sorts differing especially in the color of flowers" and he tells us that "they grow naturally on the Swiss mountains and that most of them do grow in our London gardens, where they flower in April and May".

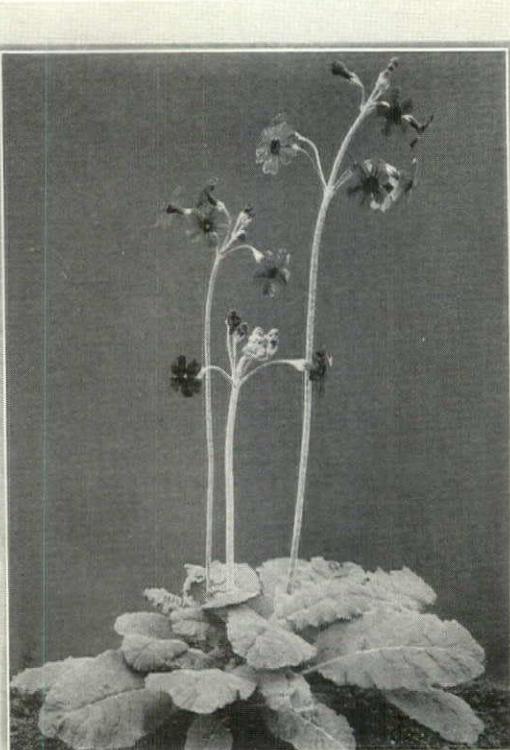
Among other medicinal values Gerarde states that "The leaves and flowers of Primroses boiled in wine and drank is good against all the

diseases of the breast and lungs and draweth forth of the flesh any thorn or splinter or bone fixed therein". In the three centuries and more that have lapsed since Gerarde wrote, the world of medicine and of horticulture have undergone great changes. The Primrose no longer figures in practical medicine, but in gardens it is more firmly entrenched than ever and for every one that Gerarde knew and loved we fortunates are now able to enjoy at least two score.

Primroses are flowers of great daring. The temperate regions of the whole northern hemisphere are their domain and one or two venturesome spirits extend far south. They are social plants, the rank and file of which favor regions where good soil, good air and plenteous moisture are to be had, but the vanguard of these hosts is found under austere conditions of soil and air and climate, conditions that inflict great hardships on plants as well as man. On this continent Dame Primula is scarcely represented, only about a dozen species being found; one of these waifs has wandered south along the Andes to the Straits of Magellan. In Europe very many species grow and among these are some of the oldest flowers of gardens, including the forerunner of the different kinds of Polyanthus and garden Primroses as well as the alpine and show Auriculas.

One daring fellow, the yellow-flowered *Primula verticillata*, has its home on the mountains of Abyssinia and another (*P. imperialis*) crosses the Equator to the higher mountains of Java. From Japan came the stout-stemmed *P. japonica*, its flowers in several tiers, and slender-stemmed *P. cortusoides* and *P. sieboldii*. China gave our greenhouses its best-known

(Continued on page 190)



*Primula Unique* is a hybrid between *P. pulverulenta* and *P. Cockburniana*, two of Mr. E. H. Wilson's introductions from China some twenty-five years ago



(Above) A Massachusetts garden where, intermingled with Jack-in-the-pulpit, Japanese Primroses thrive amazingly along the waterside. There are many good Primulas which lend themselves perfectly to such situations



(Left) Native of the high mountains where vegetation nears its limits, *P. sinonivalis* is one of the loveliest and most difficult to cultivate of the entire Primrose family. It comes from the rock crannies of the Chino-Himalayan region

*P. cockburniana*, with orange-scarlet blossoms, is one of Mr. Wilson's introductions. It is now the parent of a wonderful race of highly colored garden Primroses



# HOUSE & GARDEN'S GARDENING GUIDE

In the following lists of plant material emphasis has been laid on practical rather than complete selections. The aim is to suggest those types and species which are the most satisfactory and sufficiently numerous to meet the majority of needs, and to give essential facts about them. The lists were compiled by F. F. Rockwell.

## FLOWERS, TREES, SHRUBS AND VINES

NAME	HEIGHT	SEASON	COLOR	CULTURE AND USE (Heavy type indicates especially good varieties)
<b>ANNUALS</b>				
Ageratum	12"	June-Nov.	Blue or white	Set out potted plants or sow seed outdoors; pick old flowers; solid bedding; edging.
Alyssum (Sweet)	10"	May-Nov.	White or lilac	Set out plants; sow every three or four weeks for succession of bloom; informal edging; display; rock work.
Begonia ( <i>B. semperflorens</i> )	12"	July-frost	White, pink, red	Buy plants; start seed indoors, or sow outside in warm, fine soil; best summer bedding plants for hot, sunny locations.
Blue Laceflower ( <i>Didiscus</i> )	24"	July-Sept.	Light blue	Graceful; exceptional for cutting, especially for bouquets. [King.
Calendula	15"	June-Oct.	Orange, yellow	Sow in late spring; transplant to at least 12" apart; fine for color and cutting. Orange-
California Poppy ( <i>Escholtzia</i> )	12"	June-Nov.	Various	Sow early as possible; thin to 6"; ground cover of brilliant color. Double Gold Cup.
Calliopsis ( <i>Coreopsis</i> )	18"	June-Oct.	Yellow	Yellow daisy-like flowers on graceful stems; one of the best for both garden and cutting; always in bloom.
Candytuft	15"	June-Sept.	White-rose	Sow April; again May; likes cool weather. Giant Hyacinth Flowered.
China-aster	20"	July-Sept.	Various	Start indoors or in seed bed outside; 18"-24" apart; exceptionally fine for cutting.
Clarkia	18"	July-Oct.	White and rose	Sow outdoors early; blooms in 6 to 8 weeks; bushy growth; excellent for cutting.
Cosmos	50"-70"	July-Nov.	Pink or white	New early flowering sorts may be sown out-of-doors; start old types under glass; back of border; cutting.
Gypsophila (Baby's Breath) ( <i>G. elegans</i> )	12"	June-Sept.	White, rose	Sow early April and at monthly intervals to Aug. for succession; indispensable for cutting, with other flowers; good display.
Larkspur	36"	June-Oct.	Blue, various	Sow April-May; excellent for back of border, also for cutting. Exquisite.
Lobelia	6"-12"	June-Sept.	Blue, white	Start plants or sow where to bloom in April; excellent edging; also bedding and cutting.
Lupine	24"	June-July	Blue, various	Sow in May where to bloom; sweet soil; border; cutting.
Marigold	24"	July-Oct.	Yellow, various	Outside in May; transplants readily; varieties for edging; border; cutting.
Mignonette	12"	June-Oct.	Pinkish-white	Sow in open where to grow; most delicious fragrance of all annuals.
Nasturtium	15"-6'	June-frost	Various	Sow April outdoors; dwarf and climbing varieties; thrives in poor soil.
Petunia	15"-24"	June-Oct.	Pink, various	Start indoors or sow outside May; spreading border; masses of color. Burpee's Blue.
Portulaca	5"	July-Oct.	Pink, various	Rake seed in lightly; thin to 4"; best ground cover for hot, dry location; brilliant colors.
Phlox drummondii	15"	June-July	Rose, various	Sow as above; thin to 6"; blooms in few weeks; brilliant ground cover.
Scabiosa, Sweet	30"	June-Nov.	Various	Sow outside in May; transplant to 8"; remove all flowers; fragrant; for cutting.
Snapdragon (Antirrhinum)	18"-30"	June-Nov.	Various	Start indoors or outside in April; transplant to 12"; pinch back; excellent for display and cutting, especially late autumn.
Stock	20"	June-Sept.	Various	Two or three sowings; transplant to 12"; fragrant; cutting.
Verbena	8"	July-Nov.	Various	Extra good ground cover, especially for late autumn; brilliant display.
Zinnia	30"	July-Aug.	Various	Indoors or outdoors, April; 18" apart; display; cutting; try new named varieties.
<b>PERENNIALS</b>				
Achillea (Yarrow)	48"	July-Aug.	Yellow	Full sun; succeeds in dry soil; back of border; fair for cutting.
Aconite (Monkshood)	48"	Aug.-Sept.	Blue, white	Rich moist soil; partial shade; back of border; display; cutting. [bloom.
Alyssum, Hardy (Golden Tuft)	12"	April-May	Golden yellow	Creeping, solid masses of color; excellent for low border or rock garden; remove old
Anemone, Japanese	30"	Sept.-Nov.	Various	Most graceful of late fall flowers; slight protection; excellent for both display and cutting.
Aquilegia (Columbine)	18"-36"	May-June	Various	Full sun; beautiful for both display and cutting. Scott-Elliott hybrids. [dens.
Arabis (Rockcress)	10"	April-May	White	Low spreading; excellent with Alyssum above; thrives in poor soil; edging; rock gar-
Asclepias tuberosa (Butterfly Weed)	24"	July-Sept.	Brilliant orange	Thrives in dry, well drained soil; most brilliant orange perennial, deserving much wider use.
Aster, Hardy	48"	Sept.-Nov.	Blue, lavender	Several types, all excellent; light blue and lavender flowers good both for display and cutting; poor soil.
Astilbe, David	60"	June-July	Pink, rose	Partial shade; moist soil; display; cutting; loose, plump flower heads.
Balloonflower (Platycodon)	24"	July-Nov.	Deep blue, white	Either sun or shade; prefers sandy, well drained soil; good display; excellent for cutting.
Bleedingheart (Dicentra)	18"	April-June	Deep rose	Partial shade; any soil; plump foliage; drooping, graceful flower spikes; border; cutting.
Bocconia (Plumepoppy)	60"-70"	July-Aug.	Pinkish	Any soil; vigorous; spreads rapidly; rather coarse; needs abundant room.
Campanula (Bellflower)	24"-36"	June-July	Various	Several types; best treated as biennials; flowers very attractive.
Chrysanthemums, Hardy	30"-40"	Sept.-Dec.	Various	Good soil, full sun, winter protection; unequalled for late cutting and display.
Cynoglossum (Chinese Forget-me-not)	18"	June-frost	Blue	Forget-me-not-like sprays of blue flowers during late summer; excellent; recent.
Daisy, Shasta	18"	June-Nov.	White	Prefers cool, moist soil; wonderful display of Daisy-like flowers; cutting. Alaska.
Daylily (Hemerocallis)	30"	May-July	Yellow, orange	Good soil; prefers partial shade; superb display; good for cutting. [for cutting.
Delphinium (Larkspur)	36"-60"	June-Sept.	Blue, various	Easily grown from seed; wonderful new hybrid; best of all blue perennials; unexcelled
Dianthus (Hardy Pink)	10"-18"	May-July	Pink, various	Easy from seed; several types; fragrant; free blooming; excellent cutting. New Types.
Digitalis (Foxglove)	50"-60"	July-Sept.	Pink, various	Back of border; groups against wall or shrubs.
Doronicum (Leopardbane)	30"	April-May	Orange	Well drained soil; full sun; Daisy-like flowers wonderful in masses; fine display; ex-
Evening Primrose (Oenothera)	18"	July-Sept.	Primrose yellow	cellent for cutting. [flowering.
Gaillardia (Blanketflower)	24"	June-Nov.	Bronze	Excellent for exposed sunny location, or rock garden; well drained soil; continuous
Geum	15"	May-Oct.	Crimson, orange	Grows easily from seed; very continuous flowering, fine for cutting. Portola and Por-
Gypsophila (Baby's Breath)	30"	June-Sept.	White	tola Hybrids.
Gypsophila, Creeping ( <i>G. repens</i> )	5"	July	Rose	Readily grown; fine for display; excellent for cutting, good for rock garden. Lady
Heuchera (Coralbells)	12"	May-Sept.	Red, pink	Stratheven; Opal.
Hollyhock	60"	July-Sept.	Various	Full sun; successful in dry soil; 12" apart; plant near stiff-growing flowers; indispens-
Iberis (Evergreen Candytuft)	10"	April-May	White	able for cutting. Bristol Fairy.
Iris	8"-30"	April-July	Various	Creeping plant; dry, sunny location; low border or rock garden. [cutting.
Kniphofia (Torchlily)	30"	Aug.-Nov.	Orange, red	Easy from seed; sun or shade; flowers on tall stems; excellent display; also dainty for
Lupine, Hardy	36"	May-June	Blue, various	Easy from seed; sun or part shade; plant against wall or back of border; staking; dominates back
Marshmallow (Hibiscus)	60"	Aug.-Oct.	Pink, white	of border; good for individual plants. Newport Pink.
Mistflower (Eupatorium)	20"	Sept.-Oct.	Blue	Easy from seed; hardy edging plant; rock garden.
Myosotis (Forget-me-not)	10"	May-Oct.	Delicate blue	Use several types to get succession of bloom; one of most satisfactory of all perennials;
Peony	30"	May-June	Various	dry or moist soil. Mother-of-Pearl and Lord of June.
Phlox (Garden)	30"	June-Oct.	Various	Protect; take up north of Philadelphia; a flame in the late fall garden.
Phlox subulata (Mosspink)	5"	April-May	Various	Easy from seed; does not need replanting; any soil; full sun; border; cutting.
Poppy, Iceland	12"	May-Oct.	Various	Easy from seed; moist soil preferable, and part shade; shrub-like growth; very bold
Poppy, Oriental	30"	May-June	Orange	display; 10" across; shrub border or back of perennial border.
Primula, Hardy (Primrose)	10"	April-May	Yellow	Ageratum-like flowers on long stems; any soil; full sun; light winter protection; ex-
Scabiosa ( <i>S. caucasica</i> )	20"	May-Oct.	Lavender	cellent for both border and cutting.
Stokesia (Cornflower-aster)	18"	June-Nov.	Blue, white	Easy from seed; spreads rapidly; Dissitiflora for spring ground cover bulbs; Semper-
Sunflower, Hardy	50"-60"	July-Sept.	Yellow shades	florens good cutting.
Sweet-William (Dianthus)	15"	May-June	Pink, various	Sun or slight shade; deep soil preferable; in front of shrubbery border; some varieties
Thalictrum (Meadow Rue)	36"	June-July	Light pink	fragrant. Le Cygne.
Viola (Tufted Pansy)	6"-8"	April-Nov.	Blue, yellow, various	Rich soil fairly moist; full sun; unexcelled for masses of color; cut old flower stalks.

## HOUSE &amp; GARDEN'S GARDENING GUIDE

## BULBS (Spring Flowering)

NAME	HEIGHT	SEASON	COLOR	CULTURE AND USE
Tulips	12"-36"	May-early June	Various except blue	Early type, single and double, best for solid bed; Mayflowering and Darwin type excellent for hardy border.
Narcissus (Daffodils)	12"-18"	April-early May	Yellow, white	Effective in hardy border; dwarf sorts and species for naturalizing and rock gardens; new varieties with pink shades.
Hyacinths	8"-15"	April-May	All	Just right for solid bedding; smaller-sized bulbs give more graceful spikes for other uses; deliciously fragrant; try clumps in hardy border.
Crocus	4"-6"	April	White, yellow, purple shades	Among the gayest of all spring flowers; plant in groups in front of hardy border or edge of shrubbery, or in lawn where the grass is not cut early.
Scillas (Bluebells)	6"-18"	March-May	Beautiful, pure blue, white	Several types; plant some of each for succession; groups in hardy border or under shrubbery; excellent for naturalizing.
Grape Hyacinths ( <i>Muscari</i> )	6"-8"	April-early May	White and blue shades	These follow the Crocuses and belong in every garden; excellent for naturalizing; multiply readily. <b>Heavenly Blue</b> variety.
Fritillaria	12"-36"	April-early May	Various	Several types differing widely; tall-growing Crown Imperials good for the border; dwarfer sorts good for naturalizing and rock gardens.
Snowdrop ( <i>Galanthus</i> )	6"-10"	Earliest spring	White	Dainty little bell-like flowers which ring in returning spring; sunny corner; light soil, mulch with peat to prevent mud spattering; naturalizing; rock gardens. <b>Elwesi</b> .

## BULBS (Summer Flowering)

Gladiolus	24"-60"	July-frost	Infinite variety	Make succession plantings of early, medium and late sorts at intervals of 30 days for continuous bloom until freezing weather; Primulinus sorts especially fine for cutting.
Dahlias	36"-70"	Aug.-Oct.	Various	Usually planted for cutting, but Single and Pompon excellent in gardens; pinch back for stocky growth; new single, Newport Wonder, glorious cutflower.
Cannas	24"-48"	June-frost	Various	Excellent for color masses, especially at distance; splendid new varieties; good temporary screen or border line.
Begonias (Tuberous)	12"-18"	July-frost	Various	Finest of all bedding plants for shaded situations; use peat or humus in soil; marvelous shades of color, various shapes; should be used much more generally.
Summer Hyacinth ( <i>Hyacinthus</i> )	48"	July-Sept.	Pure white	Numbers of bell-shaped flowers on tall spikes; striking, especially against green foliage; remove old spikes; new ones for many weeks; splendid flower; worthy of wider use.
Tritonia (Montbretia)	36"-48"	Aug.-frost	Various	Hardier and much more graceful cousins of the Gladiolus; brilliant colors; excellent for border, landscape or cutting.
Oxalis	6"-8"	June-frost	Yellow, various	Marvelously free flowering, gay colored little plants; excellent for edging; front of border, or in vases or hanging baskets.
Hardy Lilies	18"-80"	July-Sept.	Various	Well-drained soil where roots will be shaded; mulch for winter.

## SHRUBS (Deciduous)

Althaea (Rose of Sharon)	6'-10'	Aug.-Sept.	Pink, lilac	A well-known shrub, flowering profusely late in the season.
Azalea	2'-12'	April-July	Various	Like peaty soil; semi-shade; most brilliant flowering shrub of early spring; combines well with evergreens. For varieties, see catalogs.
Barberry, Jap. ( <i>Berberis thunbergii</i> )	3'-4'	Berries in winter	Red autumn foliage	Most satisfactory informal hedge; also in groups and as individuals; new brilliant red leaved variety <b>atropurpurea</b> .
Buddleia (Butterfly bush)	5'-7'	July-Sept.	Lavender	Graceful, spreading shrub; Lilac-like sweet, scented bloom, always attracts butterflies;
Chaste-tree ( <i>Vitex</i> )	4'-10'	July-Sept.	Blue, lilac	Graceful, spreading shrub; Lilac-like sweet, scented bloom, always attracts butterflies; hardy, but herbaceous in north.
Cotoneaster	1'-5'	Spring-winter	White, red	Aromatic foliage; most ornamental; best blue late-flowering shrub; new low-growing variety <b>macrophylla</b> especially fine.
Daphne (Garland Flower)	18"-3'	March-Apr.	Red, lilac	Splendid low-growing shrub; white flowers followed by red or coral berries; excellent for foundation and rock garden.
Deutzia	3'-8'	Spring-summer	White, pink	Dainty, beautiful low shrub; excellent for foundation or rock garden; especially in sheltered location; often late autumn bloom. <b>Cneorum, mezereum</b> .
Elderberry ( <i>Sambucus canadensis</i> )	5'-8'	July-Sept.	White	Rather slender, graceful shrub; excellent border, foundation planting or specimen; var. <b>Pride of Rochester</b> especially good.
Enkianthus (Redvein)	6'-8'	May	Pink	Fragrant white flowers followed by conspicuous black or purple berries; good for wine, new variety <b>pubens</b> extra-fine.
Flowering Almond ( <i>Prunus glandulosa</i> ( <i>Amygdalus</i> ))	5'-15'	April-May	Pink, white	An exquisite shrub, charming bell-shaped flowers. Autumn foliage exceedingly striking.
Flowering Quince ( <i>Cydonia japonica</i> )	5'-8'	April-May	Scarlet	Shrubs or small trees with beautiful small flowers; double sorts; succeed almost anywhere; most ornamental.
Forsythia	5'-10'	April-May	Golden yellow	Extremely hardy; grows anywhere; flowers best in full sun; new pink-flowered form available.
Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	6'-8'	May	White	Several varieties; both upright or drooping; hardiest early yellow-flowering shrub; always satisfactory; border, foundation or specimen. <b>Spectabilis</b> .
Honeysuckle ( <i>Lonicera</i> )	3'-8'	All season	White, yellow	Excellent hardy shrub for picturesque effect; acid soil; pinkish-white flowers followed by blue berries.
Hydrangea	4'-10'	July-Sept.	White, pink, blue	Several shrubby or bush types, excellent for border or specimens, also banks; fragrant; fairly everblooming.
Japanese Maple ( <i>Acer palmatum</i> )	5'-10'	All season foliage	Green, red shades of foliage	Several types; smaller sorts good for foundation and border planting, larger for border and individual specimens.
Japanese Snowball ( <i>Viburnum tomentosum plicatum</i> )	6'-10'	April-May	White	Extremely ornamental shrub or little tree; highly-colored foliage; specimens; rock gardens; give somewhat sheltered location.
Kerria (Globoseflower)	5'-7'	June-July	Golden yellow, white	Spreading shrub covered with ball-like flowers; individual specimens or shrubbery border.
Kolkwitzia amabilis (Beautybush)	7'-9'	June	Pale pink	Small golden or white globes in great profusion; border or individual specimens; best yellow for midsummer.
Lagerstroemia (Crape Myrtle)	10'-25'	August	Pink, lilac	Very fine shrub, the slender branches literally covered in early summer; pink flowers; a recent introduction.
Lilac ( <i>Syringa</i> )	6'-15'	May-June	Many colors	Beautiful large shrub, flowering profusely in late summer. Hardy south of Philadelphia.
Malus (Flowering Crab)	5'-10'	May	White, pink, red	Well known spring-flowering shrub, exceedingly beautiful new varieties. See catalogs.
Mockorange ( <i>Philadelphus</i> )	8'-12'	June-July	White	One of the finest flowering shrubs or small trees. See catalogs.
Privet ( <i>Ligustrum</i> )	4'-15'	May-June	White	One of best white-flowering shrubs; border or specimens; new varieties, including <b>Virginal</b> .
Red-osier Dogwood ( <i>Cornus stolonifera</i> )	8'	May-June	Red	Several types; excellent for hedges; also flower prettily if allowed to grow naturally; excellent in border or as specimens, though seldom so used.
Strawberry Shrub (Sweet Shrub) ( <i>Calycanthus floridus</i> )	6'-12'	May	Chocolate	Valuable for blood-red stems, winter and spring; wet-soil border, clumps especially in wet soil; remove old wood.
Summersweet, Sweetpepper Bush ( <i>Clethra alnifolia</i> )	6'-10'	July-Sept.	White	Especially valuable for its delicious fragrance; fairly ornamental; good specimen; old-fashioned, but well worth planting.
Sweetfern ( <i>Comptonia asplenifolia</i> )	2'-3'	All season foliage	Sage green foliage	Excellent for covering dry banks where little else will grow; fernlike foliage deliciously aromatic; native.
Spirea	4'-8'	May-Sept.	White, rose	Graceful, some drooping; for border, foundation planting or specimen; <b>prunifolia</b> (Bridalwreath) is earliest to bloom; <b>tomentosa</b> (Hardhack) latest; <b>van Houttei</b> ; <b>Anthony Waterer</b> .
Tamarix	10'-15'	May-July	Pink	Especially for seashore planting; hardy to N. Y.; tropical, graceful, fernlike foliage; flowers in plumy sprays; excellent background for rock garden.
Viburnum	2'-10'	Spring-summer	White	Various types, all good, including some of best plants for individual specimens, also for border. <b>Carlesii plicatum</b> .
Witch-hazel ( <i>Hamamelis</i> )	5'-10'	Oct.-Nov.	Yellow	Latest-flowering hardy shrub; good under-shrub edge of woods; also in border, for rough corners.
Weigela	6'-8'	July-Sept.	Rose	Good for border; conspicuous flowers, but rather coarse growth; <b>Eva Rathke</b> is best and freest blooming variety. <b>Amabilis</b> ; <b>rosea</b> .

# HOUSE & GARDEN'S GARDENING GUIDE

## T R E E S (Deciduous)

NAME	HEIGHT	CHARACTER	USES AND REMARKS
Beech ( <i>Fagus</i> )	50'-100'	Spreading, open growth; gray trunk, conspicuous in winter and spring; free from insects.	Good in groups or singly; Purple Beech and Weeping Beech especially good as specimens.
Birch ( <i>Betula</i> )	40'-100'	Graceful form; rapid growth; conspicuous trunk.	Effective either as specimens or combined with evergreens.
Dogwood, Flowering ( <i>Cornus florida</i> )	12'-20'	Small tree with horizontal branches; clouds of whitish flowers in May; autumn coloring. Also pink-flowered form.	Good lawn specimen, especially near residence; a tree for every lawn and woodland.
Elm ( <i>Ulmus</i> )	80'-120'	Most graceful of all large trees; any soil; fairly rapid growth.	Unexcelled for street planting, also for framing views or vistas. Chinese Elm is small sort, excellent for small grounds.
Flowering Cherry (Higan or Jap. Cherry) ( <i>Prunus subhirtella</i> )	20'-30'	One of the most beautiful of all flowering trees. Pink and white form.	Specimens are especially effective near water or among evergreens.
Hawthorn ( <i>Crataegus</i> )	6'-20'	Pink, white, red; a well formed small tree.	Fine as specimen or for backgrounds. Flowers abundantly in spring. Attractive autumn fruit.
Horsechestnut ( <i>Aesculus hippocastanum</i> )	12'-30'	Broad, spreading head; dense foliage; vigorous growth.	Excellent shade tree for fairly large areas; beautiful in flower. Quick results for hedge, screening, or fair shade.
Honeylocust ( <i>Gleditsia</i> )	50'-100'	Rapid grower, extremely hardy; withstands drought.	Excellent for shade or specimen. <i>T. vulgaris</i> quite fragrant.
Linden ( <i>Tilia</i> )	80'-120'	Broad, pyramidal form with somewhat drooping branches.	Excellent as lawn specimen in somewhat protected position; white and pink forms.
Magnolia	20'-40'	Branching, open, small tree with conspicuous flowers.	
Maple ( <i>Acer</i> )	30'-100'	Rapid growing; thrives in most soils; shade; good fall color.	Good quick shade tree, but some not long-lived. Norway Maple very desirable.
Maidenhair Tree ( <i>Ginkgo</i> )	50'-80'	Unique; irregular form; unusual foliage; rapid grower.	Good for street planting or specimen.
Mountain-ash ( <i>Sorbus</i> )	15'-25'	Irregular, open, small tree; attractive foliage; wonderful show of red fruit in autumn and winter.	Small lawn specimen, or very attractive near evergreens.
Oak ( <i>Quercus</i> )	30'-100'	Pyramidal or rounding with irregular horizontal branches; distinct character; fine autumn coloring; long-lived.	One of best permanent street, shade or specimen trees; varieties differ considerably; select carefully before planting.
Planetree ( <i>Platanus</i> )	75'-100'	Tall trees; irregular spreading branches; usually handsome, bold trunks, conspicuous as bark sheds.	Very rapid growing tree, shade and specimen; among most satisfactory of all trees.
Poplar ( <i>Populus</i> )	50'-125'	Broad, spreading form; attractive foliage; leaves shiny, usually in motion; not long-lived.	Best employed as temporary tree for quick results. Lombardy Poplar good for quick formal effect.
Redbud (Judastree) ( <i>Cercis canadensis</i> )	20'-35'	Irregular growth; picturesque; conspicuous early blossoms.	Excellent specimen, especially in naturalistic setting.
Sassafras	25'-50'	Irregular, picturesque, ornamental with green bark in winter and golden in spring; excellent autumn color.	Specimens, groups or back of shrubbery border; much neglected American native tree; any soil.
Sweet Gum ( <i>Liquidambar</i> )	20'-40'	Tree of medium size, beautiful foliage, odd-looking burrs in autumn.	For almost any location if not swampy. Purplish-crimson autumn foliage. Not hardy far north.
Tuliptree ( <i>Liriodendron tulipifera</i> )	80'-120'	Splendid, dignified pyramidal tree with attractive foliage and yellow-green, Tulip-like flowers.	Splendid for street, specimen or shade; magnificent tree deserving wider use.
Willow ( <i>Salix</i> )	40'-80'	Most graceful, large tree; very rapid grower.	One of the most easily grown and decorative of all.

## T R E E S (Evergreen)

(Note: Remarks apply to species or types; there are dwarf forms, and varying shapes and colors in the catalog varieties.)

Firs ( <i>Abies</i> )	40'-75'	Stiff pyramidal form; horizontal branches, smooth bark, upright cones.	Avenue planting, specimens, windbreak; prefer moist soil; handsomest young; picturesque, if not ragged, with age.
Spruce ( <i>Picea</i> )	40'-75'	Similar to Fir; somewhat more graceful; rough bark; cones pendant; branches often curved gracefully.	Like Fir, somewhat better under unfavorable conditions; wonderful hedge; great variety color tones.
Douglas Fir ( <i>Pseudotsuga douglasii</i> )	50'-100'	Much more graceful than either of the above; bluish green foliage; young growth beautiful; vigorous, healthy grower.	As above; one of the most satisfactory of the big evergreens; handsome small, magnificent full grown.
Hemlock ( <i>Tsuga</i> )	40'-80'	Most graceful of all evergreens; pendant branches fine foliage; dark green, silvery beneath; retains gracefulness with age.	Individuals or groups; unsurpassed background for other plants or as clipped hedge; stands more shade than others. Will succeed in many locations where all above do indifferently; adaptable to all purposes; Scotch Pine fair substitute where White Pine cannot be grown.
Pine ( <i>Pinus</i> )	40'-80'	Bold trunk; horizontal branches; dignified and picturesque with age.	Good for summer shade, but admitting winter sunshine; Japanese effect; excellent background for rock gardens. Splendid specimen in normal or wet soil; hardy to Massachusetts; unappreciated native evergreen.
Larch ( <i>Larix</i> )	30'-60'	Deciduous evergreen; very graceful; picturesque; healthy, rapid grower.	Many forms and color tones. Small gardens and foundation plantings; small individual specimens.
Baldcypress ( <i>Taxodium distichum</i> )	50'-100'	Well branched pyramidal form with extremely graceful, feathery light green foliage; attractive cinnamon bark.	Massed evergreen planting; specimens; dwarfer sorts, like Koster Redcedar, for foundation planting.
Arborvitae ( <i>Thuja</i> )	3'-20'	Pyramidal or globular habit; broad Fernlike foliage; Amer. varieties hardy; Oriental hardy to N. Y.	Groups, borders, and good for foundation; Hicks' Yew new, extra hardy upright.
Redcedar ( <i>J. virginiana</i> )	30'-50'	Pyramidal form; fairly rapid growth; extremely hardy; successful on light, sandy soil.	Foundation planting; formal specimens; trim well.
Yews ( <i>Taxus</i> )	3'-30'	Dense upright or spreading growth; darkest foliage of all evergreens; attractive small red fruit; prostrate and upright.	Great variety of forms and colors for all purposes.
Hinoki Cypress ( <i>Chamaecyparis obtusa</i> )	2'-20'	Extremely graceful; soft feathery foliage.	Outstanding evergreen; commands attention as a specimen.
Sawara Cypress ( <i>Chamaecyparis pisifera</i> ( <i>Retinospora</i> ))	2'-20'	Many most beautiful plumy forms, especially Moss C.	Exotic specimen; hardy to N. Y.
Lawson's Cypress ( <i>Ch. lawsoniana</i> )	20'-40'	Dense habit; distinct, fernlike foliage.	
Cryptomeria ( <i>C. japonica</i> )	15'-30'	Irregular habit; deep green foliage; bronze in winter.	

## S H R U B S (Evergreen)

Abelia, Glossy ( <i>A. grandiflora</i> )	6'-8'	Beautiful, smooth, glossy foliage; pinkish white Arbutus-like flowers, June-Nov.	Neat growth; splendid for foundation planting, border or specimen; hardy to Long Island, but not evergreen North.
Azalea (varieties)	3'-6'	Brilliant flowers early spring.	Foundation planting; specimens in sheltered locations; partial shade; peaty soil, well mulched.
Box ( <i>Buxus</i> )	1'-12'	Extremely dense, thick growth; small shiny foliage; shears well.	Ideal edging and hedge plant; use dwarf type for former; peaty soil preferred; protected north of Long Island, N. Y.
Cotoneaster	2'-6'	Upright or trailing; dense, irregular, bushy growth.	Foundation planting; trailing sorts especially for rock gardens.
Daphne ( <i>D. cneorum</i> ) (Rose D.)	18'	Beautiful fragrant pink flowers more or less throughout season.	Foundation foreground, rock garden; hardy but not easy to grow.
Evergreen Burningbush ( <i>Euonymus japonica</i> )	4'-8'	Broad, thick, shining leaves; dense rapid growth; shears to almost any size or shape.	Splendid for dense evergreen hedge, formal or informal specimen; hardy to Phil., protected location; excellent for seaside.
Holly, American ( <i>Ilex opaca</i> )	15'-25'	Bushy or tree-like growth, occasionally to 50'; scarlet berries on female plant.	One of the finest of all trees; should be much more generally used; shade or sun; the American Holly is hardy to the New England states.
Inkberry ( <i>Ilex glabra</i> )	4'-6'	Narrow, bright shiny leaves; white flowers; ink-black fruit.	Group or foundation planting; native shrub.
Japanese Holly ( <i>Ilex crenata</i> )	3'-5'	Glistening foliage, small leaves; forms dense bush.	A very fine hardy evergreen which is suitable for use in many situations.
Leucothoe (Drooping) ( <i>L. catesbeiana</i> )	6'	Pendant creamy white blossoms and pointed leaves in long drooping sprays, coloring beautifully in autumn.	Excellent edging for Rhododendrons or evergreens; shady spot in foundation planting.

# HOUSE & GARDEN'S GARDENING GUIDE

## SHRUBS (Evergreen) (*continued*)

NAME	HEIGHT	CHARACTER	USES AND REMARKS
Mahonia (Oregon Hollygrape) <i>(M. aquifolium)</i>	3'-6'	Heavy, spiny, shiny leaves; conspicuous fruit.	Good in border or foundation; sheltered from wind or hot sun.
Mountain Laurel ( <i>Kalmia</i> )	5'-10'	Irregular, picturesque growth; pointed shiny green leaves and brown bark; unsurpassed beauty when in bloom.	Excellent in shrub border; also for foundation; sun or shade; peaty, acid soil.
Pachysandra (Jap. Spurge)		Spreading habit; dark green leaves; spikes of white flowers, May-June.	Most satisfactory evergreen ground cover for difficult shady spot where nothing else will grow.
Pieris (Mountain Andromeda) <i>(P. floribunda)</i>	5'-6'	Beautiful, oval, pointed dark green leaves, making ideal background for sprays of tiny, white bell-like flowers in early spring.	With evergreens in border or in foundation planting; or under large evergreens.
Rhododendron	4'-12'	Well formed, rather spreading when old. Needs acid soil. Large flower heads.	The finest of all broad-leaved evergreen shrubs. See catalogs.

## VINES

NAME	COLOR	CHARACTER	CULTURE AND USE
ANNUAL			
Cardinal Climber ( <i>Ipomea quamoclit hybrida</i> )	Brilliant scarlet	Deeply lacinated foliage; covered with bloom; tender; prefers warm, sandy soil.	Rapid grower for trellis and arbor; very striking; fair shade.
Hyacinth Bean ( <i>Dolichos lablab</i> )	White, reddish	Quick grower to 10'; flowers in clusters.	Good shade or dense screen; may be started early, or plant outside with Lima Beans.
Japanese Hop ( <i>Humulus japonicus variegata</i> )	Foliage	Quick, vigorous, rank grower; distinctly variegated and white blotched green leaves; small green flowers.	Excellent for covering unsightly objects or rough corner.
Moonflower ( <i>Calonyction aculeatum</i> )	Blue, white, pink	Large flowers; delicate colors; 25'.	Gates, trellises, arbors. Start indoors for early results; new early blooming type best for Northern States.
Purplebell ( <i>Cobaea scandens</i> )	Purple	Very ornamental grower with large purplish flowers; 15'.	Excellent porch vine; best started under glass; seed edge down; pot seedlings.
Morning-glory ( <i>Ipomea purpurea</i> )	Blue, various	Quick growing to 15'; several types; stands dry weather; blooms freely.	Trellis or screen; best effect with named varieties to get desired color.
Scarlet Runner ( <i>Phaseolus coccineus</i> )	Bright scarlet	Beans and flowers in small racemes; quick, vigorous growth; pods edible; fruit edible.	Quick, vigorous; will grow anywhere; climbs trellis or string; good screen or cover, fair shade.

## PERENNIAL

Ampelopsis (Virginia Creeper)	Foliage	Vigorous grower; climb or twine; hardy.	Boston Ivy is best substitute for English Ivy.
Bittersweet ( <i>Celastrus scandens</i> )	Orange-red	Hardy native vine, unique fruit carried into winter.	Naturalistic effect on trees, shrubs or walls.
Clematis	Various	Graceful, rapid growing vine; attractive foliage and flowers.	One of the finest climbers for trellis, summer-house, etc. Varieties for flowering in spring, summer and fall.
Dutchman's Pipe ( <i>Aristolochia siphonifera</i> )	Foliage	Broad heart-shaped light green leaves and peculiar pipe shaped flowers.	Very dense shade or close screen; good over summer-house, pergola, etc.
English Ivy ( <i>Hedera helix</i> )		Heavy glossy leaves; hardy to N. Y.; further north as ground cover.	Unsurpassed wall vine; actual protection as well as ornament; evergreen.
Honeysuckle ( <i>Lonicera</i> )	White, yellow, red	Persistent, twining vines, very fragrant flowers, blooming to frost.	Good veranda vine, also ground cover; evergreen tendency, especially Hall variety.
Trumpetcreeper ( <i>Bignonia radicans</i> )	Orange-scarlet	Rampant grower to 30'; twines or clings.	Naturalistic effect; grows anywhere; <b>Grandiflora</b> .
Wintercreeper ( <i>Euonymus radicans</i> )		Deep green foliage; conspicuous fruit; may be clipped.	<b>E. r. vegetus</b> good substitute for English Ivy.
Wisteria	White-lavender, pink	Vigorous, twining, grows to 50'; most picturesque of hardy vines; fragrant flowers in pendant clusters.	For pergolas, gates, veranda, especially where vine can run horizontally.

## PLANT MATERIAL FOR VARIOUS PURPOSES

### FOUNDATION PLANTING

EVERGREEN TREES	EVERGREEN SHRUBS	SHRUBS	PERENNIALS	BULBS & ANNUALS
Pfitzer Juniper Koster Redcedar Savin Juniper Juniper (various) Yews (various) Chamaecyparis (various) Dwarf Mugho Pine Dwarf Jap. Yew	Rhododendron Hybrids Mountain Laurel Drooping Leucothoe Inkberry ( <i>Ilex glabra</i> ) Firethorn ( <i>Pyracantha</i> ) Mahonia (Oregon Hollygrape) Cotoneaster Japanese Spurge	Glossy Abelia Slender Deutzia Spirea (var.) Hydrangea (low types) Nandina Flowering Almond Kerria Daphne	Ferns (var.) Dianthus Daylily ( <i>Hemerocallis</i> ) Sedum Saxifrage Viola Jersey Gem Hollyhocks Dilectra Yucca	Tulips Narcissus Crocus Narcissus species Begonia, tuberous Oxalis Summer Hyacinth Petunias Sweet Alyssum

### WINDBREAKS AND SCREENS

EVERGREEN TREES	DECIDUOUS TREES	SHRUBS & VINES	PERENNIALS	BULBS & ANNUALS
Canada Hemlock Norway Spruce White Spruce Douglas Fir White Pine Scotch Pine Amer. Arborvitae Redcedar Chinese Juniper	Poplar, Lombardy Willow (various) Lilacs Gray Birch Honey Locust Amer. Hornbeam Carolina Buckthorn Box Elder	Privet (various) Osage Orange Jap. Snowball Althea Forsythia Honeysuckle Jap. Euonymus	Boltonia Hollyhock Delphinium Foxgloves Hardy Sunflowers Marshmallow Rudbeckia	Ricinus Sunflowers Cosmos Cannas Dahlias Japanese Hop Scarlet Runner (and others)

# HOUSE & GARDEN'S GARDENING GUIDE

## PLANT MATERIALS FOR VARIOUS PURPOSES (*continued*)

HEDGES				
EVERGREEN TREES	EVERGREEN SHRUBS	SHRUBS	PERENNIALS	ANNUALS & BULBS
Canada Hemlock Parsons Arborvitae American Arborvitae Upright Japanese Yew English Yew Spreading English Yew	Tree Box Canada Yew Dwarf Box Firethorn, Leland Wintercreeper (var.) Honeysuckle (evergreen) Jap. Euonymus Privet (Evergreen var.)	Privet (various) Jap. Barberry Wilson Berry (low) Hawthorn Thorn (various) Jap. Quince Rugosa Rose Spirea, Vanhoutte	Hollyhock Bocconia Delphinium Aster Chrysanthemum Yucca	Kochia Nasturtium Snapdragon Celosia Gypsophila Nicotiana Dahlia, Pompon Heliotrope
EDGING				
(In front of larger varieties) Globe Redcedar Chinese Juniper (dwarf vars.) Creeping Juniper Waukegan Juniper Squamata Juniper Arborvitae (dwarf. vars.) Chamaecyparis (dwarf.) Yews (creeping vars.)	(In front of larger varieties) Andromeda (var.) <i>Azalea amena</i> Azalea, Hinodigiri Daphne Drooping Leucothoe Cotoneaster, Prostrate Firethorn ( <i>Pyracantha</i> ) Euonymus (var.) Japanese Spurge	Dwarf Box Box Barberry Dwarf Privet Cotoneaster (vars.) Dwarf Bush Cranberry Dwarf Mockorange Anthony Waterer Spirea Fortune Spirea	Goldentuft (Alyssum) Rockcress ( <i>Arabis</i> ) Candytuft ( <i>Iberis</i> ) Mosspink (Dwf. Phlox) Dwarf Iris Primrose Sedum (various) English Daisy ( <i>Bellis</i> ) Pansy Viola	Alyssum Ageratum Petunias <i>Phlox drummondii</i> Portulaca Lobelia Verbenas (spreading) Oxalis
BORDERS				
White Pine Colorado Spruce Balsam Fir Blue Colorado Spruce Redcedar, various Chinese Juniper, various Chamaecyparis, various Yews, various (especially pendant or "weeping" forms.)	Rhododendron (var.) Mountain Laurel Carolina Kalmia Azaleas Abelia Cotoneaster Holly ( <i>Ilex</i> ) (var.) Glossy Wintercreeper Nandina	Forsythia Mockorange Russian Olive Flowering Almond Spirea Deutzia Kerria Viburnum (var.) Weigela Azaleas	Anemone Jap. Aquilegia Aster Campanula Larkspur Phlox Iris Gaillardia Coreopsis Erigeron Dianthus	Larkspur Lupine Snapdragon Cosmos Blue Laceflower ( <i>Didiscus</i> ) Narcissus Tulips Crocus Scilla Lycoris (Hardy Amaryllis) <i>Tritonia (Montbretia)</i>
GROUPS				
Engelmann Spruce Canada Hemlock Redcedar Chinese Juniper Arborvitae Pfitzer Juniper Koster Redcedar Juniper (in var.) Yews (in var.)	Abelia Kalmia Cotoneaster, Prostrate Euonymus (var.) Mahonia Wintergreen Barberry Warty Barberry Privet Honeysuckle ( <i>pileata</i> ) (last three hardy to Phila.)	Spirea, Vanhoutte Forsythia, Weeping Deutzia, Slender Barberry (various) Cotoneaster (various) Rose (species, esp. <i>Hugonis</i> ) Dwarf Mockorange Dwarf Cranberrybush	Hollyhock Marshmallow Aster Astilbe Delphinium (esp. Hollyhock-flowered) Foxglove Japanese Iris Kansas Gayfeather ( <i>Liatris</i> ) Campanula Tritoma	Helianthus (Sunflower) Gypsophila Evening Primrose Celosia Statice Grasses (also those under Border) Gladiolus ( <i>Primulinus</i> var.) Dahlias (Pompon & Single var.) Tuberose Summer Hyacinth Lilies
SPECIMEN				
EVERGREEN TREES	DECIDUOUS TREES	SHRUBS	PERENNIALS	ANNUALS & BULBS
Nikko Fir Nordmann Fir Blue Colorado Spruce Koster Blue Spruce Lilmer Pine Carolina Hemlock Sargent Weeping Hemlock Lawson Cypress Lobb Cryptomeria Tall-growing evergreens and weeping "forms" in general	Purple Beech Weeping Beech Cutleaf Birch Weeping Mulberry Babylon Willow Dogwood ( <i>Cornus florida</i> ) English Hawthorn Holly (var.) Redbud	Azalea Magnolia Flowering Cherry Flowering Quince Flowering Almond Bechtel Crab Forsythia, Weeping Spirea, Vanhoutte Abelia, Glossy Tree Box	Peonies Aconitum (esp. Sparks and Wilson's) Boltonia Bocconia Anchusa (Opal) Butterflyweed Aster ( <i>tataricus</i> ) False Indigo (Baptisia) Yucca Mullein (See also preceding list.)	Lavatera Ricinus Schizanthus Amarynthus Coleus Mexican Poppy ( <i>Argemone</i> ) Abutilon Lantana Eremurus Caladium (Elephant's Ears) <i>Musa ensete</i>
ROCK GARDENS				
DWARF EVERGREENS	EVERGREEN SHRUBS	PERENNIALS	ANNUALS	BULBS
Dwarf Jap. Cypress Dwarf Norway Spruce Dwarf Alberta Spruce Globe Redcedar Dwarf Mountain Pine Dwarf Swiss Stone Pine Dwarf Jap. Yew Arborvitae (dwarf var.) Juniper (creeping var.)	Daphne Dwarf Box Creeping Mahonia <i>Azalea amena</i> and others Cotoneaster (several var.) Box Huckleberry Heather (sev. var.) Lambkill Laurel Myrtle Rhododendron Cowberry ( <i>vaccinium</i> )	Candytuft ( <i>Iberis</i> ) Goldentuft (Alyssum) Amer. Columbine Dwarf Alpine Rockcress Dianthus (small types) Coralbells ( <i>Heuchera</i> ) Perennial Flax ( <i>Linum</i> ) Mosspink (Dwf. Phlox) Primula (various) Sedum (various) Viola Iris (dwarf types) Thyme (creeping)	Alyssum, dwf. Blue Woodruff Miniature Cal. Poppy Gypsophila, Wall <i>Lobelia gracilis</i> Nemophila Stonecrop, Blue ( <i>Sedum</i> ) Portulaca Viola Iceplant Sand Verbena Anagallis	Tulip, species Narcissus, species Narcissus Cervantes Narcissus W. P. Milner Crocus, species Scilla, various Grape Hyacinth Snowdrop Snowflake Pasqueflower Fritillaria, (dwf. sorts) Oxalis

# HOUSE & GARDEN'S GARDENING GUIDE

## PLANT MATERIALS FOR VARIOUS PURPOSES (continued)

### SWAMP, BOG, and WATER GARDENS

EVERGREENS	DECIDUOUS TREES & SHRUBS	PERENNIALS	ANNUALS & BULBS	WATER PLANTS
Amer. Arborvitae Bald Cypress Sweet Magnolia ( <i>M. glauca</i> ) Azalea, Swamp and others Inkberry Bog Kalmia Bog Rosemary ( <i>Andromeda</i> ) Leatherleaf ( <i>Chamaedaphne</i> )	Willow Sour Gum (Tupelo) Waterlocust ( <i>Gleditsia</i> ) Swamp Maple Swamp White Oak Red Birch Buttonbush Summersweet (Sweetpepper Bush) Blueberry Black Alder Winterberry ( <i>Ilex</i> )	Meadowbeauty ( <i>Rhexia</i> ) Pitcherplant Cardinalflower Globeflower Bog Aster Eupatorium Marshmallow Myosotis Cowslip Iris (Blue Flag and Yellow Flag) Sea Lavender Meadow Rue Meadowsweet Gentian (Solitary) Pink Gerardia	Myosotis Lavatera Mimulus Sweet Pea Verbena <i>Musa ensete</i> Pansy Daffodils, <i>Poeticus</i> type Lily, swamp var. Caladium Callas Iris, bulbous (must be well drained soil.)	Hardy Nymphaea Tender Nymphaea Nelumbium (Lotus) Giant Arrowhead ( <i>Sagittaria</i> ) Cattail ( <i>Typha</i> ) Waterpoppy Water-hyacinth Pickerelweed Sweetflag ( <i>Acorus</i> ) Cyperus

### ACCORDING TO CHARACTER

#### TALL

EVERGREENS	TREES	SHRUBS	PERENNIALS	ANNUALS	BULBS
Spruce Fir Douglas Fir Hemlock Pine Bald Cypress Cedar of Lebanon	Tulip Tree Elm Beech Maple Oak Ginkgo American Plane	Sweetshrub Hydrangea (tall var.) Smoketree Highbush Cranberry Whitefringe Border Forsythia Pearlbush Privet (various) Tamarix	Bocconia Hollyhock Delphinium Foxglove Boltonia Valeriana Campanula	Sunflowers Cosmos Larkspur Snapdragons (Giant) Stocks Celosia Amaranthus	Eremurus Hardy Lilies Cannas Dahlias Gladiolus Tuberose Summer Hyacinth Caladium (Elephant's Ears)

#### MEDIUM HEIGHT

EVERGREENS	TREES	SHRUBS	PERENNIALS	ANNUALS	BULBS
Redcedar Chinese Juniper Arborvitae Chamaecyparis Cryptomeria Yew, upright forms Holly Rhododendron	Jap. Maple Birch Amer. Redbud Lombardy Poplar European Plane Tree Honeylocust Larch Mountain Ash Magnolia Pin Oak	Azaleas Jap. Quince Red-osier Flowering Almond Juneberry Hydrangea (low var.) Deutzia (Var.) Forsythia (var.) Mockorange (var.) Spirea (var.)	Anemone, Jap. Aquilegia Campanula Chinese Larkspur Iris (various) Gypsophila Phlox Hardy Chrysanthemums	Calendula Clarkia Candytuft Balsam Larkspur Scabiosa Marigold Zinnia	Tulips Daffodils Scillas Iris, bulbous Fritillaria ( <i>imperialis</i> ) Ismene Begonias (Tuberous) Caladium (Fancy)

#### LOW-GROWING

EVERGREENS	TREES	SHRUBS	PERENNIALS	ANNUALS	BULBS
Juniper, spreading forms Yews, spreading forms Arborvitae Tom Thumb and other dwarf and globe varieties Chamaecyparis Mountain Laurel Drooping Leucothea Pygmy Spruce (Also see Rock Garden list)	Flowering Dogwood Chinese Redbud Jap. Tree Lilac Flowering Fruit Trees Hawthorn Jap. Snowball ( <i>Styrax</i> ) Sumac ( <i>Rhus</i> ) Sassafras	Azalea ( <i>mollis</i> ) Daphne ( <i>onxylosum</i> ) Barberry, Jap. Kerria Hypericum Rugosa Rose Weigela Thunberg Spirea Waterer Spirea <i>Deutzia gracilis</i> Dwarf Mockorange	<i>Campanula carpatica</i> Carnation, Hardy Sweet William Iris, Dwarf Poppy, Hardy <i>Phlox subulata</i> Primula Sedum	Alyssum Ageratum <i>Phlox drummondii</i> Portulaca Torenia Tagetes Lobelia Nemophila Verbena Zinnia (dwarf)	Tulip, species Hyacinth Crocus Grape Hyacinth Snowdrops Glory-of-the-Snow <i>Fritillaria meleagris</i> Zephyranthes Oxalis

#### FORMAL TYPE

EVERGREENS	EVERGREEN SHRUBS	TREES & SHRUBS	PERENNIALS	ANNUALS	BULBS
Column Chinese Juniper Italian Cypress Irish Yew Swedish Juniper Hill Dundee Juniper Spiny Greek Juniper Globe Arborvitae and other dwarf horticultural forms of smaller evergreens.	Box (tree) Box (dwarf) Barberry, Julian Jap. Euonymus and others may be clipped to formal shape.	Poplar, Lombardy Poplar, False Lombardy Poplar, Volga Lombardy Catalpa, Umbrella Weeping Jap. Maple Hardy Orange Azaleas Abelia and others may be clipped	Astilbe Asphodel Bishop's Weed Rose Campion <i>Campanula pyramidalis</i> Foxglove Hollyhock <i>Lilium superbum</i> Compassplant ( <i>Silphium</i> )	Ageratum (Blue Ball) Kochia Summer-fir ( <i>Artemisia</i> ) Celosia <i>Nicotiana sylvestris</i> Marigold (dwarf) Salvia (Scarlet Sage) Lavatera	Hyacinth Double Early Tulips Single Early Tulips Amaryllis Lycoris Cannas Dahlias Gladiolus (Large flowered type) Hardy Lilies (various)

#### INFORMAL TYPE

EVERGREENS	TREES	SHRUBS	PERENNIALS	ANNUALS	BULBS
Redcedar Arborvitae Chinese Juniper Pfitzer Juniper Chamaecyparis Most of the large-growing evergreens—Firs, Spruces, Hemlocks, Pines, etc.	Box Azaleas (various) Andromeda Inkberry Drooping Leucothoe Privet, Evergreen (var.) Rhododendron } young Mountain Laurel } plants	Abelia Mockorange Azalea Deutzia Forsythia Hydrangea Most other shrubs Most of the large trees	Boltonia Coreopsis Dianthus Pyrethrum Gaillardia Scabiosa Sweet Rocket Veronica	African Daisy Asters Begonia Calliopsis Gaillardia Marigold Salpiglossis Schizanthus	Tulips Narcissus Crocus Scillas Grape Hyacinths Iris, bulbous Zephyranthes Gladioli ( <i>Primulinus</i> )

#### PICTURESQUE TYPE

EVERGREENS	TREES	SHRUBS	PERENNIALS	ANNUALS	BULBS
Limber Pine Umbrella Pine Scrub Pine Koster Redcedar Hick's Yew Dwarf Jap. Yew Waukegan Juniper Squamata Juniper Sargent Juniper Larch, Jap.	Holly Firethorn Cotoneaster <i>Daphne cneorum</i> Mahonia Rhododendron } old Mountain Laurel } plants	Ginkgo Hornbeam Ohio Buckeye Dogwood, Flowering Thorns (various) Varnish Tree Sassafras Indigo bush Blueberry Winged Euonymus ( <i>E. alatus</i> ) Wax Myrtle	Aquilegia Artemisia Euphorbia <i>Kniphofia (Tritoma)</i> Sedum, various Seapink Statice Yucca	Ricinus Celosia Nigella Euphorbia Physalis Prickly Poppy ( <i>Argemone</i> ) Portulaca Spiderflower Iceplant	Tulip, species Narcissus, species Snowdrop Troutlily Cypripedium Ranunculus Anemone Tigridia Gladiolus, species Gladiolus, ruffled & laciniated Snake Palm ( <i>Amorphophallus</i> ) Tritonia ( <i>Montbretia</i> )

(Continued on page 196)

# PLANNING A COLORFUL KITCHEN

*The Mental Hazard of Culinary Tasks Is Now Considerably*

*Lessened by the Introduction of Color*

ELIZABETH HALLAM BOHN

OUR lives today are as vivid and bizarre as an Oriental garden. Action and color intermingle with purple shadows. Highlights are picked out with the sharp accent of contrast. Of old, the greater part of the home-maker's time and thought was necessarily focussed in the kitchen. Now electricity assumes more and more of the drudgery of detail. And to efficiency and sanitation the colorists are adding atmosphere. So when the new electric mixer lures the young chatelaine into the kitchen, or the uncertainties of human servitors make imperative her presence there, her imagination catches inspiration from the charm of the background. In a workshop which reflects the personality of its mistress, the home-maker of the new era performs the services which have been in her sphere from time immemorial. Color has at last made its way into the kitchen.

As the sun determines the temperament and destiny of mankind, so should he decide the color scheme of the room wherein man's sustenance is prepared. The cold and cheerless exposure of the north needs not the shiny surface and restrained tones of the tiles of Holland as an inspiration for its color notes. Blue is for the kitchen flooded with sunshine. Cool greens and grays, too, temper the sun's ardent rays. The warmer yellows and browns, inspired perhaps by the colorful pottery of sunny Italy or Spain, the gold of California orange groves, or a vivid accent of red, symbol of action and human interest, will entice into the kitchen the most fleeting sunbeam.

#### COLOR DISTRIBUTION

The softer surfaces of unglazed tile, mat, paint and curtains of colored voile, which hang more graciously after each trip to the tub, give a depth and warmth impossible to obtain with the bright glazes and harder colorings of porcelain, enamel or the glazed English chintzes.

Many and strange are the liberties which modern decoration has taken with the basic laws of color relations in ceiling, walls and floor. But in the kitchen of good taste, designed for lasting satisfaction, the fundamental rules are still observed. Darker tones on the floor absorb too strong reflection and keep this subordinate surface "in its place" beneath busy feet. Less direct light on the walls allows greater flare in color—light hues to increase the apparent size of the little six by eight apartment cooking-nook or more intense shades to make more

cozy and intimate the roomy seaside kitchen.

The ceiling may be as light as harmony requires, for with the modern window ventilator to blow out smoky fumes its freshness remains undefiled. Where it is not desired to close part of the window with a ventilator, or not feasible to install it in the wall, an electric fan of the gyrating type, set near the top of the window frame, will quickly blow out unwelcome smoke and dispose of cooking odors.

#### A PRECAUTION

Various materials take the same color quite differently. Disappointment will result if we expect to brush lacquer onto a kitchen cabinet or electric refrigerator and obtain the same color surface as a porcelain sink, where the color has been fused in, or the hue of enamel baked onto solid black iron. Thought and research have been spent on these latter. Artists of skill have worked for the desired shades. Manufacturing processes are being adjusted to meet these expensive demands. But human affections are fickle, the background which stimulates us today becomes accustomed and unnoticed in a few years. So the more conservative manufacturers are hesitating, and with good reason, about offering permanent equipment in colors which may be demodeed while usefulness remains. Better to build the scheme around wall surface and paint, more flexible and easily changed as fancy dictates, unless, as in the case of fine tiling, the kitchen is being designed for eternity.

Occasionally some treasure will decide the color note of the kitchen. A Mexican water jar, cherished copper pots, a linoleum too good to change call for certain shades to complement and harmonize. In the wide range of hue and tone available in paint, curtain material and wall paper it is now quite possible to build up to predetermined colors with the happiest results.

For the luxurious house, the attractive shades and primitive texture of faience tiles offer a medium full of delightful old-world atmosphere for floor, walls and ceiling of the colorful kitchen. Expensive at the start, their great durability of surface and color makes them outstandingly economical. Dust, stains, smoke and time leave them unharmed. Like flowers in a garden, combinations of tile colors rarely clash for the tone value of all is practically the same. The soft light reflections from a kitchen of semi-dull textured tile in faun, buff, apple green or ciel blue with decorative Saracen or Persian

designs above its matching sink of tiles, with furniture of soft gray, offer an artistic and unusual workshop where the fairies themselves might dance in between the colorful organdie curtains to instruct the young bride in her new duties.

For the more modest kitchen, the colorful influence of 15th Century Italy has inspired a surface of vitreous marble in charming hues of green, gray and blue. Wall surfaces of this material need no redecorating or repairs. The sheets, plain or in tiled effect, are applied as large as 54 x 120 inches. Easily cleaned and all-concealing, they are invaluable where the damaged or imperfect walls of an old kitchen are to be covered. Secondary colors may be hand-rubbed into the design, revealing new worlds of decorative possibilities. Their soft, cool tones repeat themselves in darker shades on the floor—in composition materials or linoleum of imitation marble, tiling effects, plain surface or patterns. A good floor wax rubbed in monthly assures to linoleum a far longer life. The color, too, is reborn with each polishing.

In such a kitchen, glazed chintz curtains may reflect their note of brilliance in the gay primary colors of an occasional saucepan or the teakettle vividly standing out against the gray of the gas range.

#### KITCHEN WALLS

Wall paper, too, solves many a problem for the old kitchen. Prepared papers come in attractive patterns or a coat of washable varnish will make any suitable wall paper efficiently fulfil a kitchen destiny. Delightful pictorial panels, reflecting the primitive character of kitchen activities, may also be varnished so that no place for dust to lurk will remain.

Flat washable paints permit the most modest purse to aspire to a kitchen delightful in its color harmony. The standardized color of furnishings or appointments makes the starting point from which paint can evolve a color ensemble limited only by the imagination of the artist. The paint should first be tried out on a portion of the wall that is to be treated, rather than to trust too much in the tiny sample on the painter's card. Mild soap and water will easily keep these painted walls immaculate.

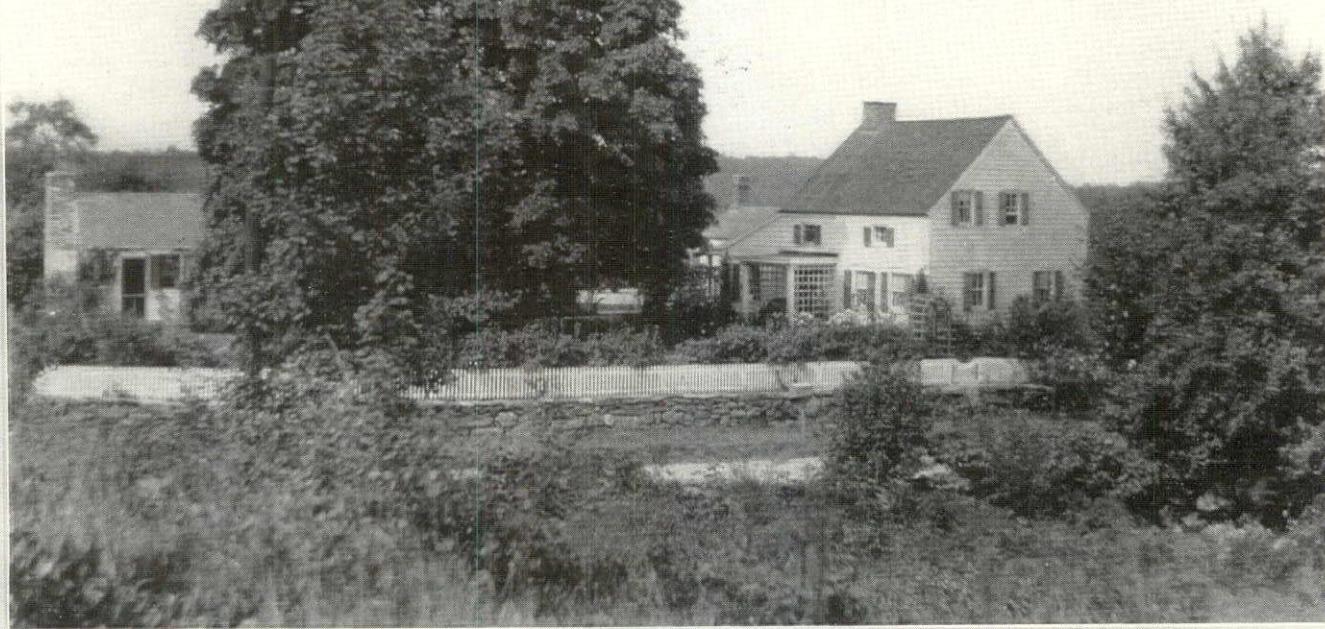
To keep the decorating of the kitchen in a key appropriate to a room where there is no possible careful scheme of arrangement, the textures and general color scheme must

(Continued on page 156)



## AT THIMBLE FARM

*Since it is no bigger than a thimble, Walter S. Gifford calls his country place "Thimble Farm". The house, well over a hundred years old, is in North Castle, N. Y., on an alluring dirt by-road back of White Plains that assures it rural privacy. Other photographs of house and grounds are shown on the following pages*



*Though it is modest in size and simple in furnishing, "Thimble Farm" boasts one magnificence that is the envy of all—the towering Sugar Maple standing between the house and the out-building where the boys sleep. A picket fence, in character with the building, surrounds the place*

*In this age of display, when our captains of industry go in for palaces, it is a striking commentary that the president of one of the world's largest corporations should choose a secluded little farmhouse. The out-building, once a woodshed, has been remodeled for the boys' quarters*



*The Early American tradition has been followed throughout the furnishing of the house. Hooked rugs, chintzes, pewter, pine tables and chairs and sideboards maintain the atmosphere of the exterior. The fireplaces are generously wide. The one in the dining room is equipped for cooking*

*Livable, cosy, warm and inspiring, "Thimble Farm" is a refuge from the metallic hardness of modernistic trends and a safe haven from the pressure of metropolitan existence. Except for modernizing its equipment, the farmhouse stands as it has stood over the past hundred years*



# The GARDENER'S CALENDAR for MARCH

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if,

for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

## FIRST WEEK

**A**S a general thing, outdoor seed planting needs to wait until the soil has been reasonably dried and warmed by the spring sun, but there is one popular garden flower which does best when sown just as soon as the ground can be dug. This is the Sweet Pea, a lover of coolness and rich fare for its deep-hunting roots. If its seeds can be planted this week, putting them not more than two inches deep in a trench and filling in as they grow until the general ground level is reached six inches above where the seeds were planted, the chances for full success will be enhanced.

Another early job is the inspection and repair of all trellises and other outdoor plant supports which may need a touch here and there. To attempt such work after vine growth is under way would increase its difficulties and bring more or less unsatisfactory results, to say nothing of possible injury to the plants while fussing around them when they ought to be allowed to grow in uninterrupted peace and quiet.

A check-up of the garden tools before the season for really using them arrives is an excellent idea, for when an implement is wanted it is usually wanted at once and in good condition. Oiling, sharpening and painting—these are the usual matters to be looked after, besides the actual replacement of tools which have been lost, strayed or stolen or have weakened so that they cannot give good service.

Remember, too, that the simplest and surest plan, when it comes to ordering the variety of seeds which most of us want each spring, is to get them early and all at once; thus each kind will be actually on hand when the time comes for sowing it. To insure their remaining in the best condition until planted, keep them in a cool, not too dry place.

## SECOND WEEK

**I**T is a great temptation to start the year's digging operations in the garden as soon as the frost is out of the ground and a pleasantly warm day comes along, but yielding to it would be a mistake in nine cases out of ten. Turning over soggy soil with a spade or even a fork is quite certain to pack it somewhat into clods which, as they dry, become more or less hard and difficult to break up. Only in a decidedly sandy mixture is this difficulty absent; for the rest, too early digging means real troubles in subsequent cultivation.

It will be but a few weeks, now, before the Roses begin to show signs of life; consequently the time is at hand to do whatever pruning the condition of the plants requires. All dead wood must be removed, of course, and the bushes cut back to stimulate the development of new wood on which the blossoms will form. The exact amount to prune varies with the different types and should be studied in the pages of a good Rose manual.

The sun has considerable midday power, now—so much that the air in both hotbeds and coldframes will reach too high a temperature unless the sashes are raised at the ends from late in the morning until mid-afternoon on many clear days. This ventilation is essential to the progress of young plants.

By this time seed-sowing indoors and under glass is well started—and too frequently its results are disappointing! A great many seeds are particular about the conditions by which they are surrounded, especially in relation to moisture supply, and germinate poorly or not at all if they are either kept too wet or allowed to dry out. The former extreme is easily avoided, of course; as for the latter, a pane of glass laid over the top of each flat will prevent evaporation.

## THIRD WEEK

**A** GOOD raking of the lawn is in order this week, to the end that the inevitable litter of twigs, wind-blown leaves and other winter debris shall be put out of the way before growth really starts. A wooden rake is best for the purpose, though a steel one will serve if it is used carefully so as not to tear the roots of the grass. After the raking, a top-dressing of bone-meal will prove beneficial, for grass needs additional nourishment from time to time.

If there is any reseeding to be done, try and accomplish it a few hours before a rain and rake the surface slightly to cover the seed. Under these circumstances germination ought to reach a high level—something which does not happen when the seed lies for days on a dry, almost dusty surface.

As for lawn rolling, do it after a rain when surface water has soaked away and left the soil soft. One good rolling at such a time does more for a lawn than three when the soil is dry and hard.

In the rock garden it will be well to make a rather careful examination and remedy any heaving of the plants which may have occurred as a result of the frost's departure from the soil. Have a pail of stone chips at hand, too, for top-dressing and resurfacing any places which may have suffered erosion by the rains. Where much soil has been washed away it must be replaced, of course.

As the plants begin to poke up here and there in the border it is wise to remember that too much early growth is not advisable for some of them because of the danger of frost which still exists. The Regal Lilies are among those whose tops are likely to be injured by belated freezing, so some protection should be left over them until the risk is past.

## FOURTH WEEK

**W**HEN one has gone to the trouble of sowing seeds and waited more or less patiently for the tiny plants to appear above the surface, the satisfaction of seeing them come up thickly is a very real sensation. It seems a pity to discard any of these numerous plantlets whose appearance has been so eagerly watched for, but often it must be done. Overcrowded seedlings mean that none of the lot will have a chance to grow into a good plant, so as soon as they are large enough to be transplanted—about the time the second pair of true leaves starts to show—the best ones should be reset in another flat, putting them an inch or so apart. Here they can grow unhampered until the time comes for planting them in their permanent places outdoors.

A general bone-mealing of the hardy border is now in order, with an extra handful of the stuff around the larger plant clumps. Such a top-dressing, scratched into the surface of the soil with a cultivating "claw" or small rake, will start to do its stimulating work about the time that normal active growth gets under way.

In view of the generally held belief that late fall and winter are the seasons for all kinds of tree pruning it is interesting to note that, in the case of Maples, the best time for such work is that period in the spring when their leaves are actually coming out. This is based on the theory that the trees are then in the best condition to heal their wounds quickly, as well as to turn the energy from the pruned portions into the development of new growth.

Spring, too, is the best season for planting coniferous trees of all sorts. From the time the frost is out of the ground until early May is the most favorable period.

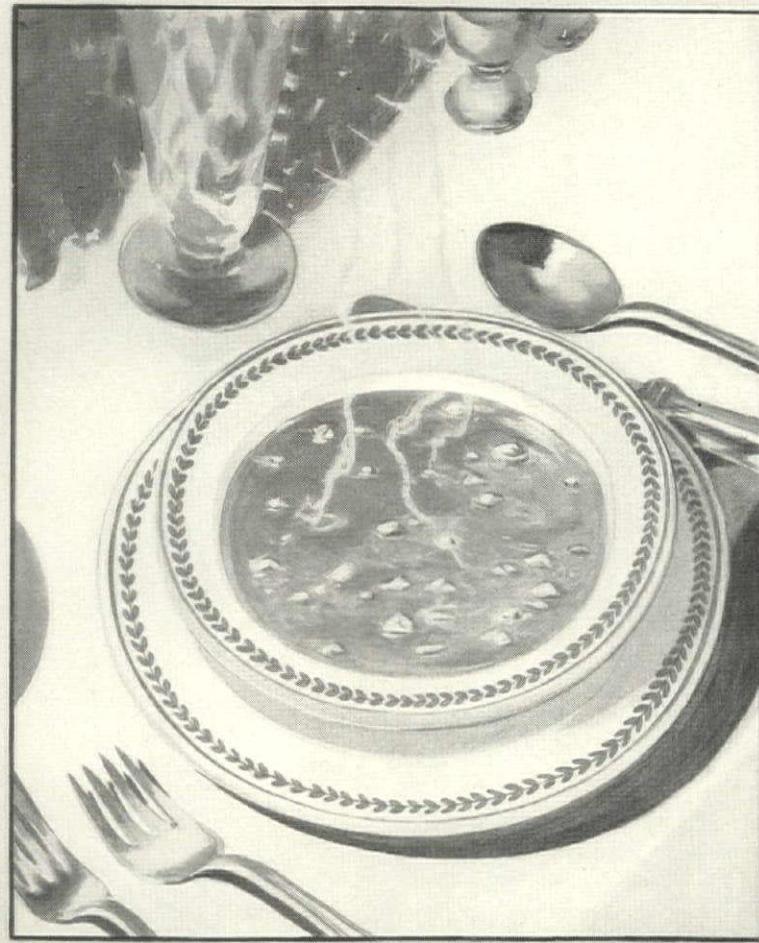
**OLD DOC LEMMON SAYS**—"Wal, it kind o' looks as though the back o' the winter hes been broke—for a couple days, now, the snow's been meltin' like all-possested. Last night there warn't even 'nough frost to do more'n skim over the puddle in the low part o' the path from the kitchen door out to the well, an' up to the time I went to sleep 'bout ten o'clock I could hear a steady trickle down the eaves spout to the water bar'l under my swinder.

"It allus s'prises me how quick the birds git onto the idee o' spring, soon as a spell like this comes along at the tail-end o' winter. The sun was scurcely up this mornin' afore a song-sparrer started talkin' 'bout how good he felt a-settin' in a warm spot amongst the blackberry bushes along the garden path. I stopped to watch him fluffin' there with his breast all puffed out an' his leetle eyes shinin' like beads in

the sunshine. Seemed like he knewed I wouldn't hurt him none, for all he done was tip his head back an' go right on tinklin', an' chucklin' like he was too dern full o' good sperits to keep still a minute.

"An' then there's the crows. All winter they ain't hardly said a word—ye wouldn't hav' knowed there was any around, only for seein' one away off some'res, a black speck ag'in the snow or the cold blue o' the sky. But yesterday they loosened up, an' all along the ridge o' Cooley's Mounting a flock of 'em wrastled an' cawed 'bout the good times comin' an' how they was goin' to eat up more corn this May than ever afore. Firly they found a hen-hawk an' started devilin' him, but he just up an' circled higher an' higher till they quit an' then hollered out to the hull world an' told it how spring was gittin' into his bones an' he was goin' to find him a mate an' start in house-keepin'?"

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Here is vegetable soup refined and perfected to meet the most exacting taste. It is a soup that combines, in a rare degree, tempting flavor and the satisfaction of generous nutriment.

As you know, the latest teachings stress the importance of serving more and more of the health-giving vegetables. Campbell's Vegetable Soup offers you a delightful way to increase the vegetable foods on your table.

Especially if you have children is this soup useful. They love it. No need to coax them to eat their vegetables when you give them

Campbell's Vegetable Soup!

Often this soup is the ideal luncheon or supper. Its fifteen different vegetables make a quite sufficient midday or evening meal.

And as a daily aid in meal-planning, consult the full list of the twenty-one Campbell's Soups printed on every label. 12 cents a can.

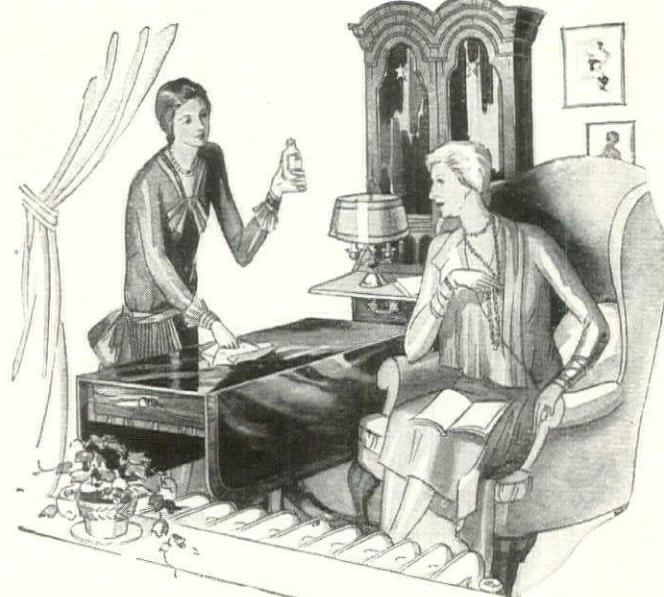


LOOK FOR THE

RED-AND-WHITE LABEL

WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET

## ELECTRICAL AIDS FOR THE HOME



**"In my day, it took hard work to protect furniture against heated air"**

OLD-FASHIONED, hard hand rubbing went out when VERNAX\* came in," her daughter answered. "Of course, artificially heated air is as bad for fine wood as it ever was—but it's much easier to combat!"

"Are you sure that just whisking that cloth over the surface will protect your nice things?" asked her mother suspiciously.

"Well—I do rub it a little—but you might not even call it that! See—" and she passed the VERNAXED cloth over the table with a firm, yet brisk motion.

"First application—cleans it, rubs it into the pores of the wood. Second—brings out that lovely lustre. Once a week—and my furniture's safe."

"It's a great advance over my day, when we had to use smearable oils that were horrid to touch and smell," sighed her mother. "You young housekeepers don't appreciate your blessings."

"I appreciate VERNAX all right," said her daughter fervently. "It cleans and polishes everything from the furniture to my leather handbags and Junior's leather leggings."

You, too, can prove the value of VERNAX—and for only 10¢. Send the coupon today for the liberal trial bottle—enough to VERNAX\* your favorite piece of furniture.

**Vernax**  
*Furniture  
Cream*

Distributed by Schieffelin & Co.  
for Arthur S. Vernay, Inc., New York  
\*Reg. Trade Mark

Sold through Department, Hardware, Drug and Furniture Stores  
—60¢ and \$1.00 a bottle.



Laboratory of Schieffelin & Co.  
20 Cooper Square, New York City

A-17

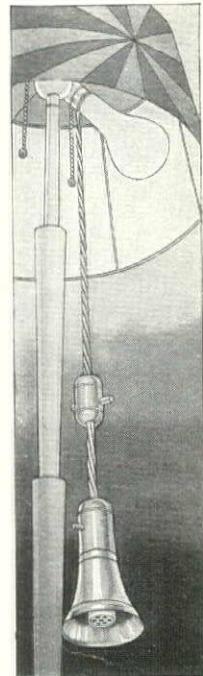
Enclosed is 10¢. Send me trial bottle of VERNAX and booklet, "The Care and Restoration of Furniture and Woods," by Arthur S. Vernay.

Name.....

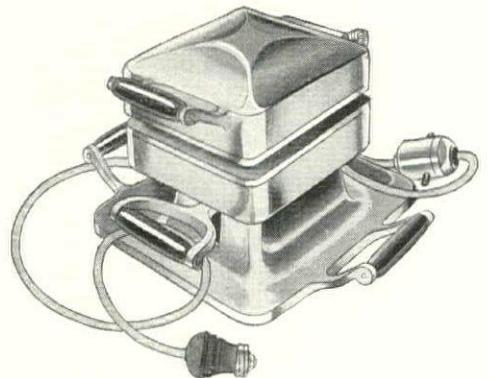
Address.....City.....State.....

My dealer is.....

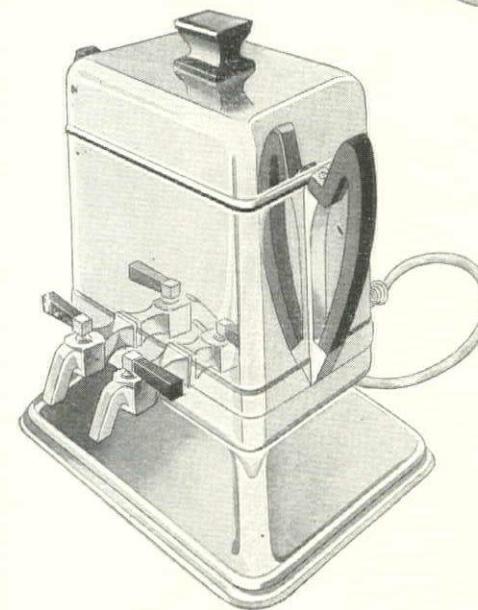
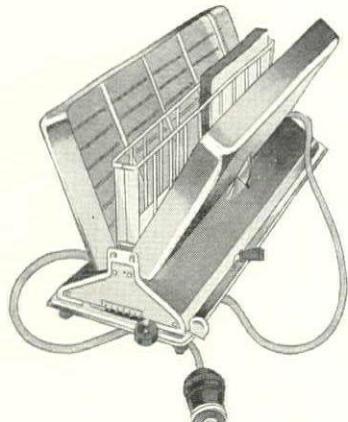
Address.....



(Above) A convenience for the smoker is an electric lighter which may be attached to the reading lamp. Available in red, green, amber or blue. Lewis & Conger

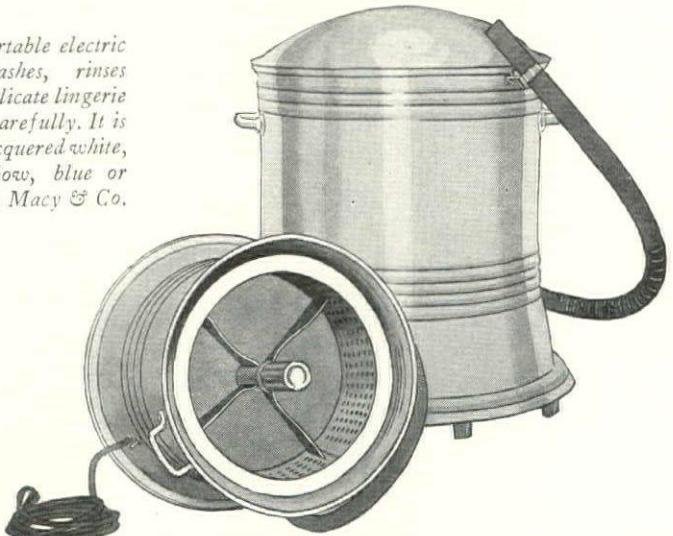


This new household accessory, an electric sandwich toaster of cast aluminum, which is easy to work and keep clean, is ideal for preparing spreads. Lewis & Conger

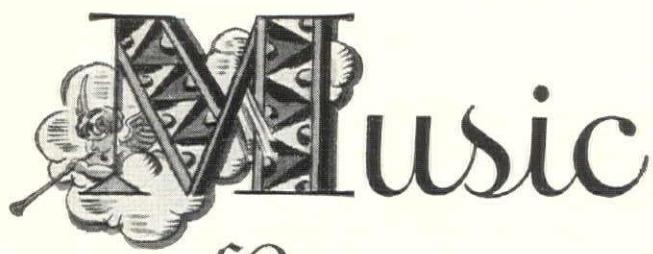


(Above) Electric toaster which does both sides of a piece of bread in a single operation, opens automatically, when the toast is ready, keeping it warm until served. Stern Bros.

(Left) An attractive monel metal container makes coffee by a new siphon method and boils water for tea in a separate compartment at the same time. Stern Bros.



A small portable electric washer washes, rinses and dries delicate lingerie easily and carefully. It is available lacquered white, cream, yellow, blue or gray. R. H. Macy & Co.



# *that charmed the kings of France in the days of old Versailles*

The world's great artists are Victor artists ELMAN STRING QUARTET, FLONZALEY QUARTET, BUDAPEST STRING QUARTET, PHILADELPHIA CHAMBER STRING SIMFONIETTA . . . .



PORCELAIN ladies in patterned silks. Powdered perukes and periwigs. Across the gleaming floor, the court musicians are playing. A harp, a 'cello, a flute, a violin. The Haydn D Major Quartet. Charming . . . intimate . . . exquisite.

Great composers of all time have lavished their genius on chamber-music. This lovely old art-form has lost none of its peculiar charm. You can hear chamber-music played by the foremost artists *in your own home*, through the Orthophonic Victrola. Precisely as you would have heard it in the days of the Bourbon kings.

The new Victrolas are beautiful—in appearance and in performance. The home that does not have one of these great instruments is missing much, without question. Victor Talking Machine Co., Camden, N. J.

*The New Orthophonic*

# Victrola



*Model Seven-twenty-six. Victor adjustable-volume Electrola with Radiola. List price, \$425, with Radiotrons. With dynamic speaker, \$475, list.*



# ANTIQUES



## REPRODUCTIONS

AMONG the rare pieces in our third floor galleries is this massive dresser of sixteenth century Tuscan design. Parts of it have been restored in the interest of practical use, but its fine patine and opulent carvings bespeak its antiquity. Our collections of English, French and Italian antiques are particularly impressive.

**JOHN A. COLBY & SONS**  
129 NORTH WABASH AVE. ... CHICAGO

*Interior Decorators*  
SINCE 1866



The spirit of the new Russia is expressed in these exquisitely decorated lacquer boxes, the work of the people of "Palekha", a little Russian village

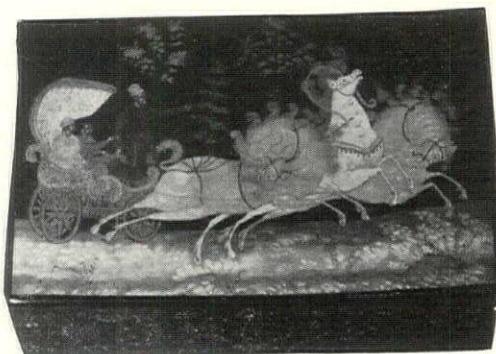
## DECORATIVE LACQUER BOXES



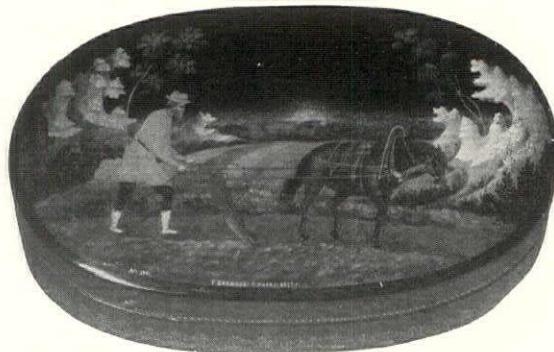
(Above) The strong tendency of the Russians towards symbolism is apparent in the decoration of the cover of this glove box, which might be called "The Peasants' Harvest"



(Right) Golikov, craftsman of Paleska, is skilled in depicting horses. When his theme is borrowed, tiny golden letters at the bottom of the picture record this fact



The spirited steeds which draw the troika are rivaled only by the fiery animals rearing up to charge in battle as portrayed on the cover of the round box shown above



A large collection of Palekha boxes was shown for the first time in America at the Exposition of Russian Arts and Handicrafts held recently in New York City. Photos courtesy Peter A. Juley & Son

**With the advent of**

# **CANNON • LAVENDER • LAWN**

## **sheets become one of the most interesting domestic purchases**

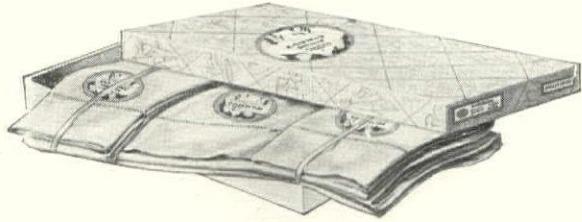
The Cannon Lavender Lawn label shown here indicates the finest sheet in the world, made in white and six fashionable pastel colors, guaranteed fast. . . . All sheets so packed are scented with Old English Lavender.

**I**N OUTFITTING a home, as in planning a wardrobe, the choice of fabrics is fundamental to the success of the complete effect. With the mode of today, texture, in decoration as in dress, has assumed a new importance. Cannon Lavender Lawn sheets (made by the makers of Cannon towels) were designed purposely to suit today's manner of living. Their texture, finish and appearance make possible true elegance in arraying the bed.

Sheets in the past have been as staple as sugar! But Cannon Lavender Lawn is styled to make sheet purchases a fascinating experience. The packages are royal. As the sheets are unwrapped, you are greeted with the fresh fragrance of lavender. And when you touch them you appreciate a new and welcome softness. You are handling what is literally the finest sheet in the world, a fabric that is a handsome example of modern textile art.

The Cannon mills went into the sheet business with the intention of producing a sheet outstanding in every respect—from raw material to finished product. We chose Egyptian cotton, famous for its long staple. We fully combed this naturally strong elastic yarn. We wove with scientific skill, finishing with special care and giving thought to making each detail of Cannon Lavender Lawn luxurious. We are proud of the result.

You will take pride in owning such sheets. They are made in the fashionable pastel shades, as well as in snowy white. Choose the colors\* for becomingness to the room in which they will be used, and for their flattering charm. . . . Making up the beds in your home with Cannon Lavender Lawn will be a domestic event. Don't postpone so pleasant a purchase! The sheets are on sale in up-to-date stores everywhere.



Sea-shell pink, canary yellow, Nile green, peach, orchid, azure blue and snowy white.\* All colors guaranteed fast.

Hemstitched or plain. Average size in white—about \$10 a pair, \$5 each. Other sizes grade accordingly.

In boxes: combinations of sheets and matching pillow cases, admirable for gifts.

In packages: six sheets; a dozen pillow cases; convenient for the linen chest.

Also available, Cannon Lineen and Cannon Fine Muslin, standard grade and popular-priced sheets, plain and hemstitched, in white and six colors. Made by the makers of Cannon towels. Look for the Cannon label. Cannon Mills, Inc., 70 Worth Street, New York City.



# Doesn't this change all your ideas about WINDOW SHADES?



**SEND FOR INSTRUCTIVE  
BOOK  
See Coupon Below**

Of course, you've never before thought of window shades as actual units of decoration—like your draperies, rugs, furniture. For never until now have window shades had distinction of pattern, as well as color.

That's why Brenlin Piqué will be a revelation to you!

Smart, slender piqué cords. Woven right in the fabric itself! Velvet-soft richness of design that brings to your windows a style note sure to be observed.

New vogue in color, too! Lovely hand-applied tints specially chosen to harmonize with any interior. Colors that resist fading by sun, spotting by rain.

Your shades of Brenlin Piqué will always hang straight and

smooth, for they are made of the famous Brenlin long-wearing window shade material.

*Send for samples, descriptive book, and color selector*

See Brenlin Piqué for yourself! And choose just the tints that will harmonize effectively with your draperies and furnishings.

You can do this by means of an interesting Color Selector, worked out by a well-known interior decorator. 10c enclosed with coupon below brings you samples of Brenlin Piqué in all tints, Color Selector, and an instructive new book on this modish material. We will also send name and address of your nearest Brenlin dealer.

# B R E N L I N P I Q U É

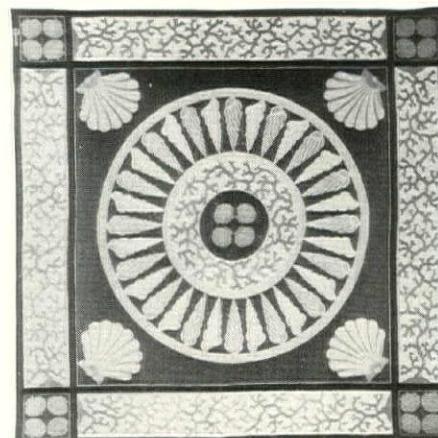
The Chas. W. Breneman Company, Dept. A-5, 2045 Reading Road, Cincinnati, O.

Please send me samples of Brenlin Piqué, descriptive book, and Color Selector. Also, name and address of nearest Brenlin dealer. I enclose 10c (stamps or coin).

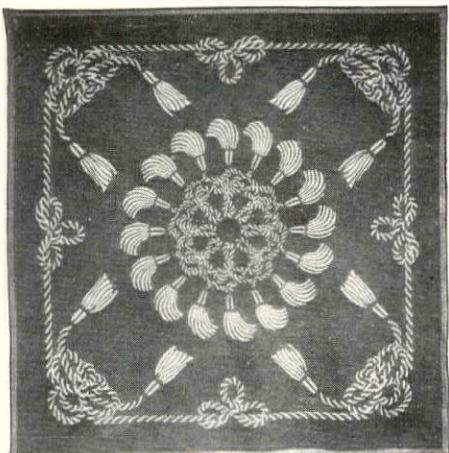
Name . . . . .

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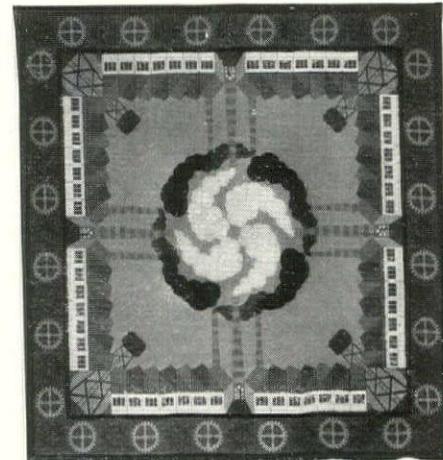
## THE MODERN FRENCH RUGS



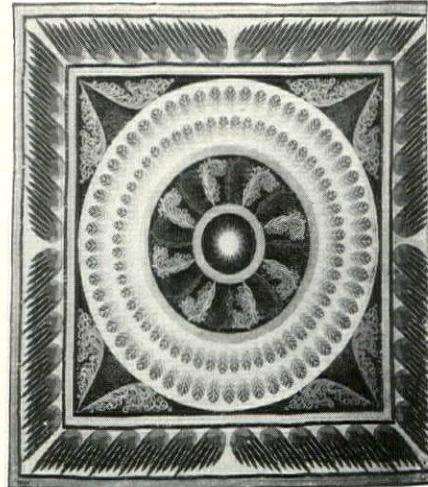
Showing a pleasing restraint in the matter of design, the French rugs illustrated may be used in period as well as contemporary rooms. (Left) A modern version of a Directoire design



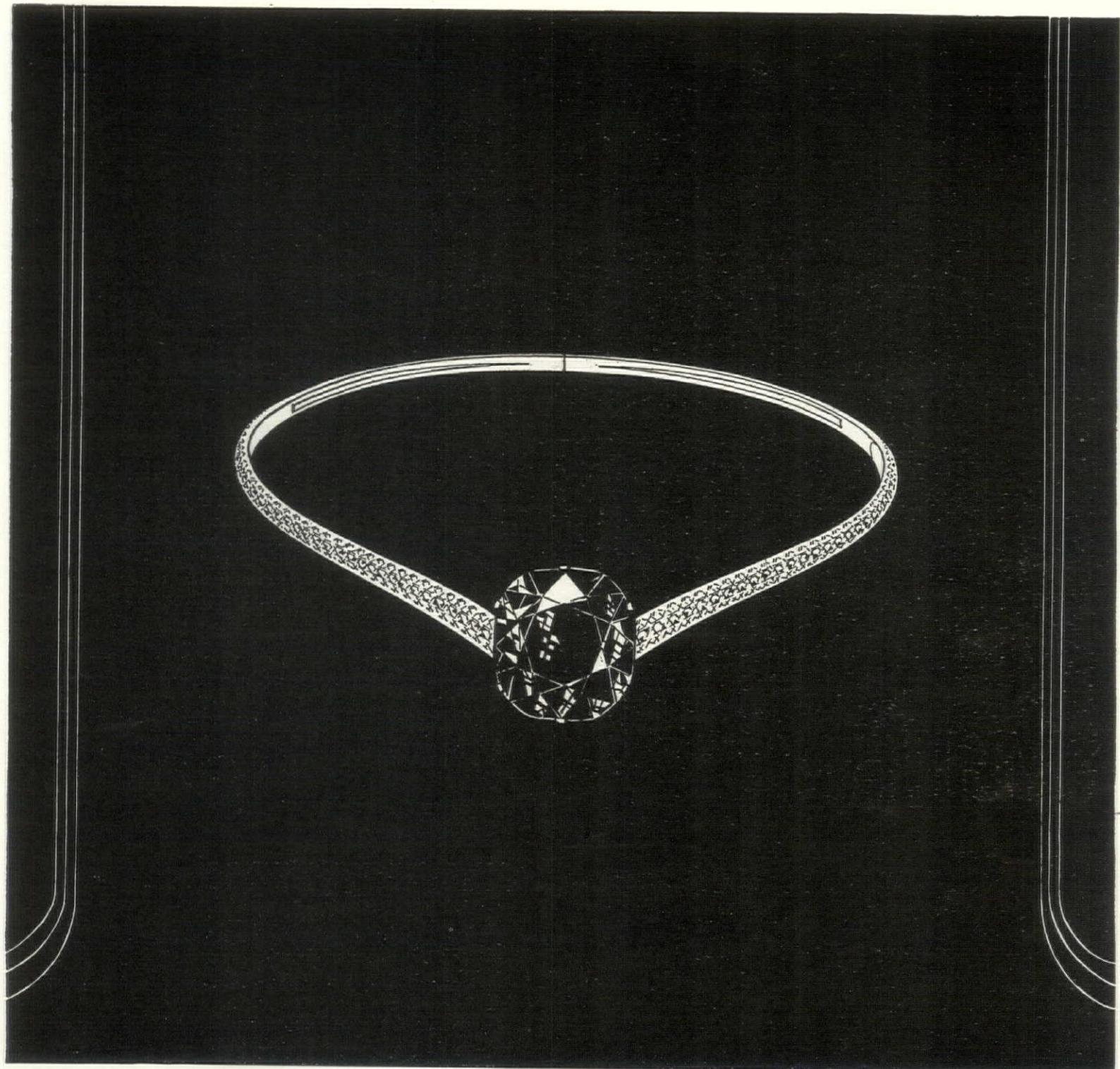
(Right) Victorian in feeling, this design of cords and tassels is yet distinctly modern. The background is beige gray; the pattern is in Wedgwood blue. These rugs are from Borceau, Paris



(Left) A rug for a man's office has a gray background with black and white smoke clouds coming out of chimneys. The border is red with gray cogwheels and the factory buildings are white



(Right) A modern rug of uncut pile which has a decided Directoire flavor. The design of conventionalized feathers, wings and quills is in green, gray, black, white, terra cotta and red



© B. S. &amp; F. '29

THE NECKLINE OF BEAUTY : : In a sapphire and diamond necklace Black Starr and Frost have developed a new thought in jewelry design—the neckline of beauty.

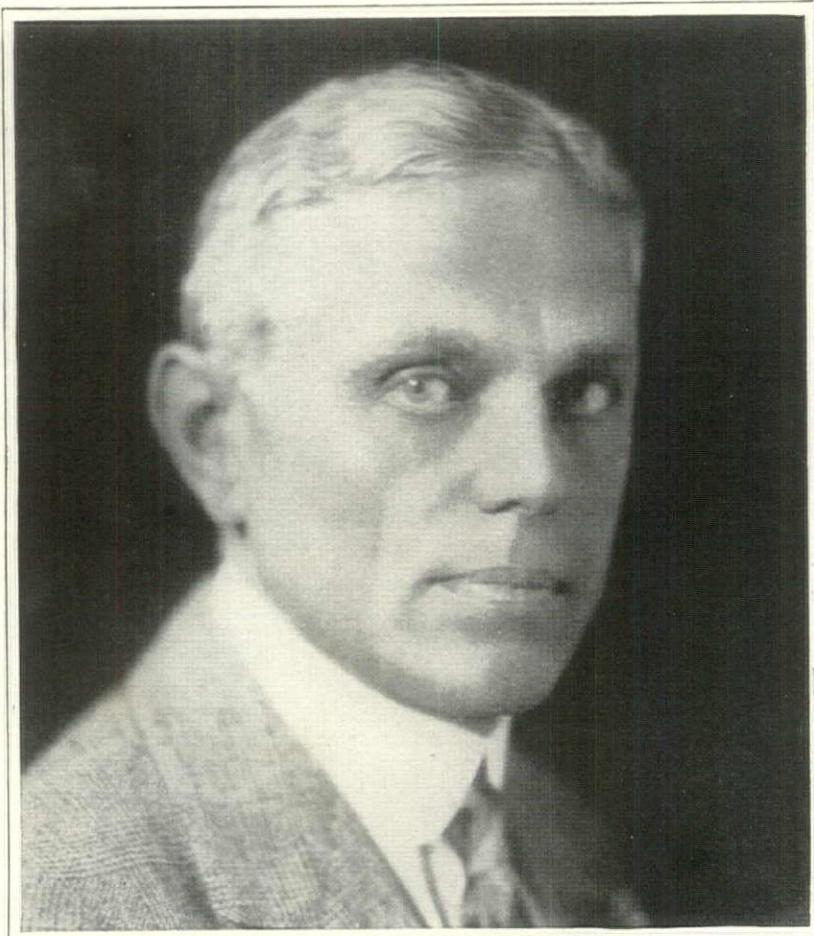
The necklace is shaped so that it takes the graceful contour  
of the neck as though a sculptor had formed it.

## BLACK STARR & FROST

*Gifts That Suit The Needs of Every Taste and Purse*

JEWELERS FOR 119 YEARS

FIFTH AVENUE, CORNER 48TH STREET, NEW YORK · · PARIS · PALM BEACH · SOUTHAMPTON



### NORVAL A. HAWKINS

*Former General Sales Manager  
Ford Motor Company  
Former Director of Advertising  
Sales and Service  
General Motors Corporation*

Has this to say about Miller De Luxe Balloons:

"Your new Miller De Luxe Balloon is, in my opinion, one of the most outstanding contributions ever made in the interests of safe, carefree motorizing. I am using a set on my personal car—and have never traveled in an automobile with so complete a sense of security."

# "Miller *DeLuxe* Balloons give me a new sense of riding and driving security"

*Norval A. Hawkins*

To millions of people who drive and ride in automobiles, this tribute to the new Miller De Luxe Balloon from a man of great authority in the automobile industry must bear a deep significance.

Here is a man who knows tires—and has known tires from the time when the first "one-lunger" chugged down Main Street.

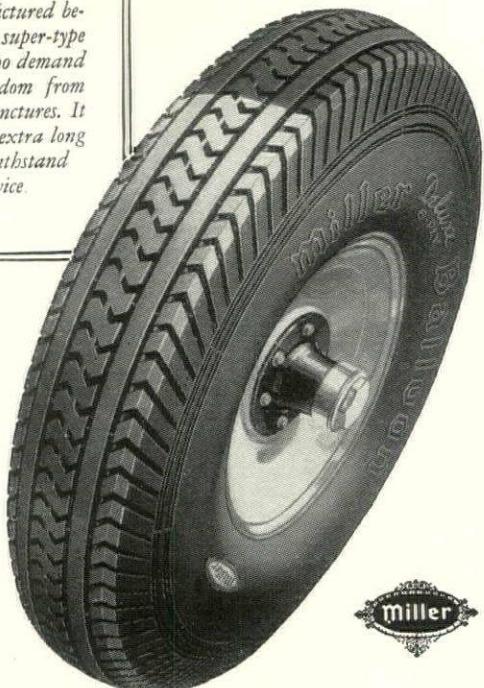
He has known the need for a super-tire, built to stand the grinding wear that new-day driving conditions impose. A tire that brings to motorists a new sense of confidence—a new feeling of security in driving.

This is exactly what he has found and what you will find when you equip your car with Miller De Luxe Balloons.

Users are receiving from these tires 40% to 75% more than the mileage of ordinary balloons. Due to a 50% heavier tread you are not likely ever to puncture them from ordinary causes.

Miller De Luxe Balloons should last as long as most people keep their cars. And, regardless of the speed you drive or the road conditions you encounter, they will live up to their promise of great mileage, extreme durability, greater freedom from puncture, and slow tread wear. That is why the men who know have termed the Miller De Luxe Balloon "the tire sensation of a decade."

The new Miller De Luxe 6-ply Balloon pictured below is a new super-type tire for those who demand the utmost freedom from blowouts and punctures. It is built to give extra long mileage and to withstand the roughest service.



THE MILLER RUBBER COMPANY of N. Y. AKRON, OHIO, U. S. A.

# MILLER

TIRES • TUBES • ACCESSORIES AND REPAIR MATERIALS • DRUG SUNDRIES  
BATHING WEAR • SHUGLOVS • RUBBER BALLS AND TOYS • MOLDED RUBBER GOODS





Mont St Michel

## This Is a Mathematical Certainty

*If a buyer starts with the one thought and the one thought only that he wants his driving comfort to be as complete as is humanly possible, the contrast between Cadillac-LaSalle and all other cars admits of only one decision.*

WHERE can you find a car entitled to challenge the Cadillac-LaSalle leadership of the fine car group? Especially in safety and easy mastery of control is their superiority beyond dispute. No other cars have brakes so powerful, yet so easy to operate, for no others have the Duplex-Mechanical System of Four-Wheel Brakes. No others have the Syncro-Mesh Silent-Shift Transmission which enables you to shift gears instantaneously at any speed without awkwardness or hesitancy.

Then there is, also, the Cadillac-LaSalle crystal-clear, non-shatterable Security-Plate Glass. Add these features to Cadillac-LaSalle prestige and beauty and you perceive at once that only in Cadillac or LaSalle can you find the finest the world affords.

+

La Salle is priced from \$2295 to \$2875; Cadillac, from \$3295 to \$7000; all prices f. o. b. Detroit. Cadillac-LaSalle dealers welcome business on the General Motors Deferred Payment Plan.

# CADILLAC - LA SALLE

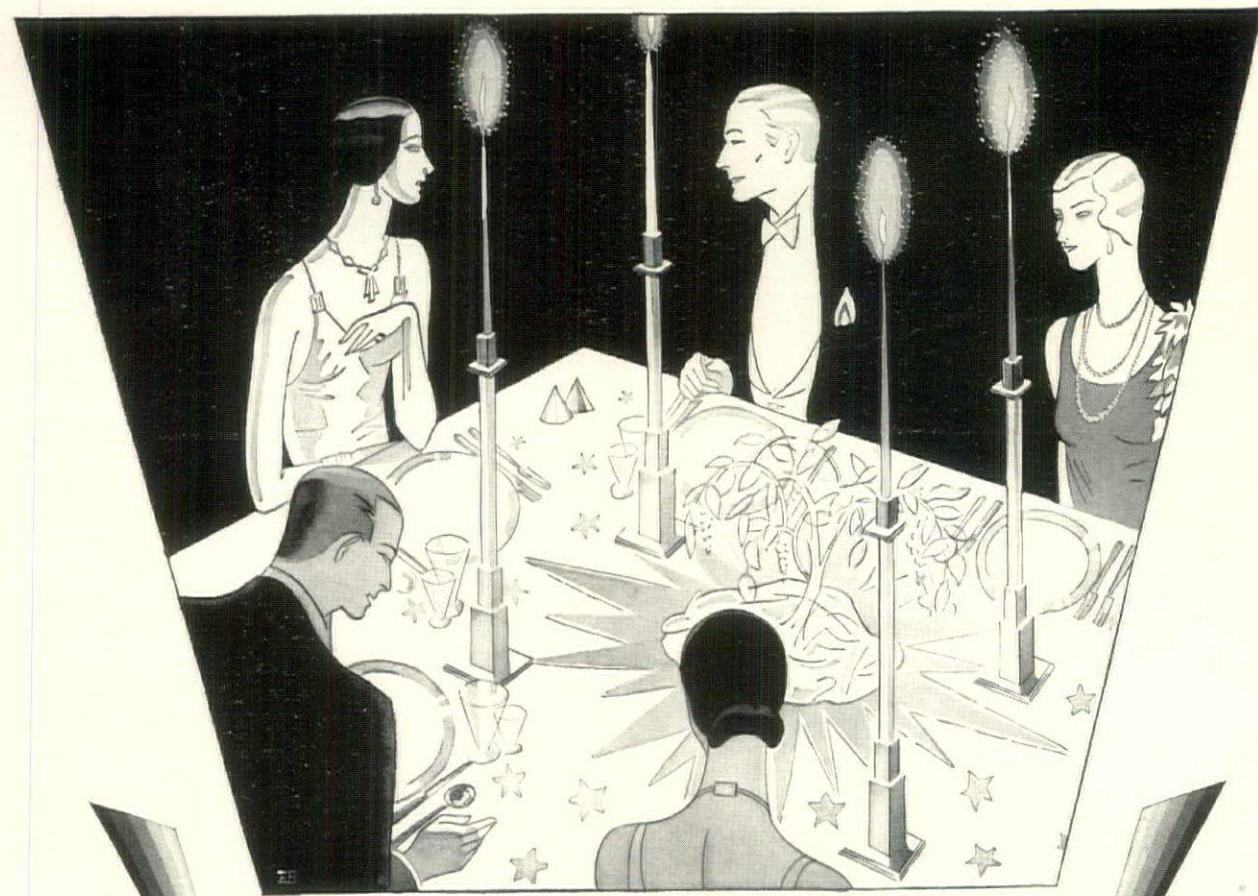
CADILLAC MOTOR CAR COMPANY • DIVISION OF GENERAL MOTORS • DETROIT, MICHIGAN • OSHAWA, CANADA

# *The modern table*

## YOUTH INSPIRED

The younger social leader has quickly sensed the possibilities of the new glass, the new china, the new silver. The younger hostess of today is in the midst of experiencing a thrill of discovery, awakening new beauty in her table decoration, coming upon new effects that delight her guests .....

For each new departure, she finds the linen damask tablecloths of Irish or Scottish weave, an indispensable foundation. Their soft lustre, their simple two-toned modernity, their deftly engaging designs, each contribute subtly to the beauty of a modern décor.



**LOVELY LINEN**  
DAMASK TABLECLOTHS & NAPKINS  
*impressively correct*

In snowy white, cream, ivory, pale gold, rose, delicate green these lovely tablecloths and napkins are procurable at your favorite shop...moderately priced

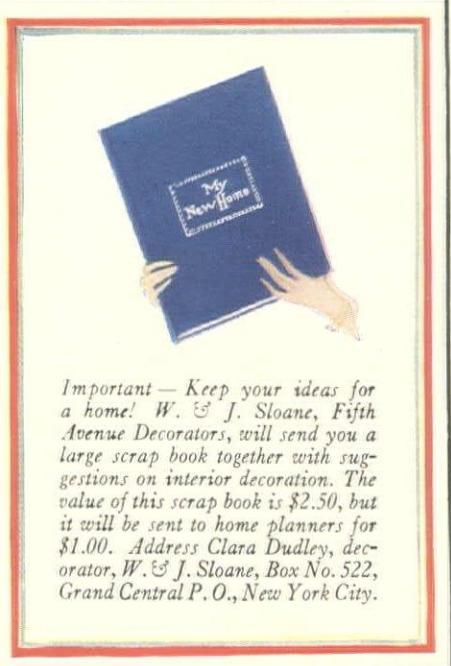


*Colorful foyer in the New York apartment of Miss Margaret McElroy, Associate Editor of House & Garden. On the floor a marbleized pattern of W. & J. Sloane Linoleum.*

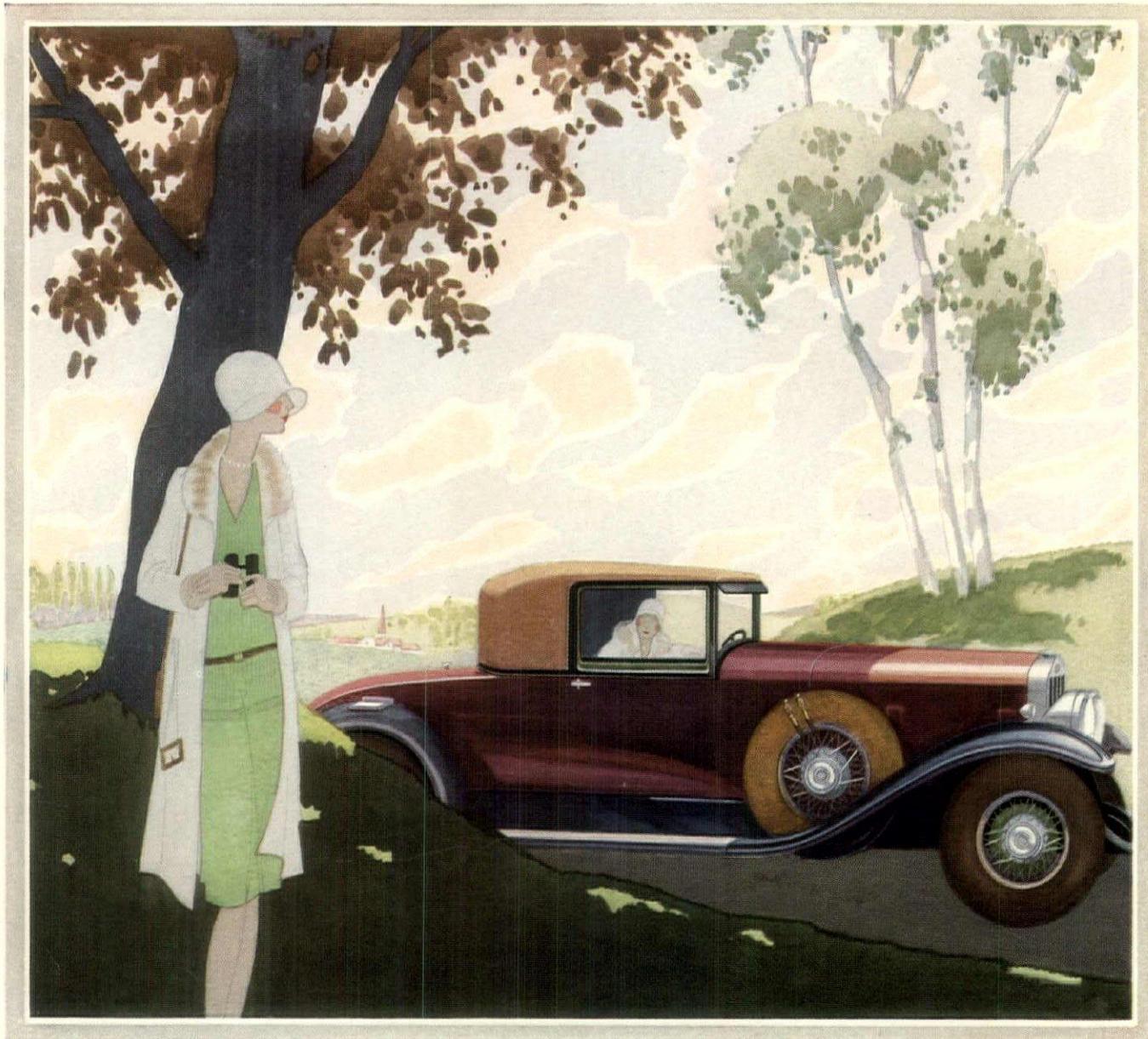
Give your entrance hall the cheerful warmth of color that says "welcome" to your friends. Correct in design, the distinctive patterns of W. & J. Sloane Linoleum create an impression of dignified hospitality. A smooth, lustrous, double-waxed finish makes them ready for use the instant they're laid. Sold by leading retailers everywhere. **W. & J. Sloane Mfg. Co., Trenton, New Jersey.**

# **W. & J. SLOANE LINOLEUM**

M O D E R N  
F L O O R S O F  
A U T H E N T I C  
D E S I G N  
  
D W  
  
S L O A N E



*Important — Keep your ideas for a home! W. & J. Sloane, Fifth Avenue Decorators, will send you a large scrap book together with suggestions on interior decoration. The value of this scrap book is \$2.50, but it will be sent to home planners for \$1.00. Address Clara Dudley, decorator, W. & J. Sloane, Box No. 522, Grand Central P. O., New York City.*



## Refreshing as May—the Airplane Feel of Air-Cooled Motoring!

To the man who has owned twenty or more automobiles—a challenging new motoring experience is now offered. ¶A motor that has conquered all the major road and hill records from coast to coast—keeping its top speed undiminished after long hours of continuous driving. ¶A second gear as silent as high, from a standing start to 55 miles an hour—permitting quick, easy shifting and noiseless operation throughout all the ordinary range of

traffic conditions. ¶Riding ease that brings you home fresh and relaxed after an all-day drive—doubly assured by the flexible, light-weight construction and the famous full-elliptic springs. ¶As to body lines, interiors and appointments—exactly what you would expect in the one car with the driving feel of the airplane—the world's fastest road car. An interesting demonstration awaits you.

Franklin Automobile Co.,  
Syracuse . . . New York.

The new Franklin prices range from \$2180 up—at the Factory

F R A N K L I N



# Days that you want to remember!

DOESN'T it seem a pity to let this season's fun slip into the shadowy corners of memory?

Must that happen? Is there nothing you can do to prevent it?

How would you like to be able to re-live . . . at any moment you wish . . . many of the good times that this winter is bringing you?

Perhaps there are toboggan parties. Perhaps you are skiing or skating or hiking on snow-shoes. Maybe your chief delight is a good old-fashioned sleigh-ride. And how easy it is to get enthusiastic about these sports when congenial friends enter into them with you. Probably a long while has passed since you enjoyed yourself so much.

## *The lasting thrill of movies!*

But the best of friends must separate and good times pass, never to return. Carry a Ciné-Kodak with you. Take movies of these happy moments. Then as long as you live this winter's high spots

## Caught forever in a wonderful movie that you make yourself

may be repeated as often as you wish. Your Kodascope will project them on your own silver screen as you sit in your own living room. Once you have taken Ciné-Kodak home movies, the days that you want to remember are impossible to forget.

No special skill is necessary. With the Ciné-Kodak, home movies are no more difficult than snapshots. You send your films to us for developing, the cost of which is included in the price you pay for them. Everything has been made easy. Unbiased by the precedents and prejudices of professional cinema camera design, the men who made still photography so simple have now made home movie making equally simple for you.

## *Movies in COLOR!*

They have gone further. Today, another Eastman development—Kodacolor—enables you to make home movies in full color. With the Ciné-Kodak f.1.9, a filter and Kodacolor Film, you make the most beautiful *living* portraits of your family and friends. You simply use a color filter when making or projecting Kodacolor.

## Ciné-Kodak

*Simplest of Home Movie Cameras*

All this and more the Ciné-Kodak home movie outfit brings you. For instance, you are not limited to the films you take yourself. Kodak Cinegraphs, 100-, 200- and 400-foot reels of comedy, travel and cartoons, are available at your dealer's. They cost \$7.50 per 100 feet and become a permanent part of your film library.

Go now to any Ciné-Kodak dealer and ask him to show you a home movie outfit—Ciné-Kodak, Kodascope and screen. Such an outfit may be had for as little as \$140. Also use the coupon for a booklet that gives more of the details.

EASTMAN KODAK COMPANY  
Dept. 192, Rochester, N. Y.

Please send me, FREE and without obligation, the booklet telling me how I can easily make my own movies.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

29





## Heirlooms Perpetuate Family Traditions

Family possessions have rarely become heirlooms because someone wished them to be so. Association with family tradition has imbued them with an intrinsic worth beyond measure. But here is a China service — Present-Day LOWESTOFT—that people *purposely* establish as their family heirloom! For Lowestoft is expressly being made again to fulfill such lofty ambitions.

The original Lowestoft was first brought to these shores from the Orient by 17th Century seamen, as mementos of their travels. What little remains today is jealously held by its possessors. But now Plummer's has made it possible to again acquire a Lowestoft, in partial or complete services. It is being manufactured by one of the oldest potteries in England from a very old china body —and for Plummer's exclusively! Purchasers of this service can give it even greater sentimental value by inserting their family crest or monogram. Nowhere else in America can it be obtained. Further details upon request.

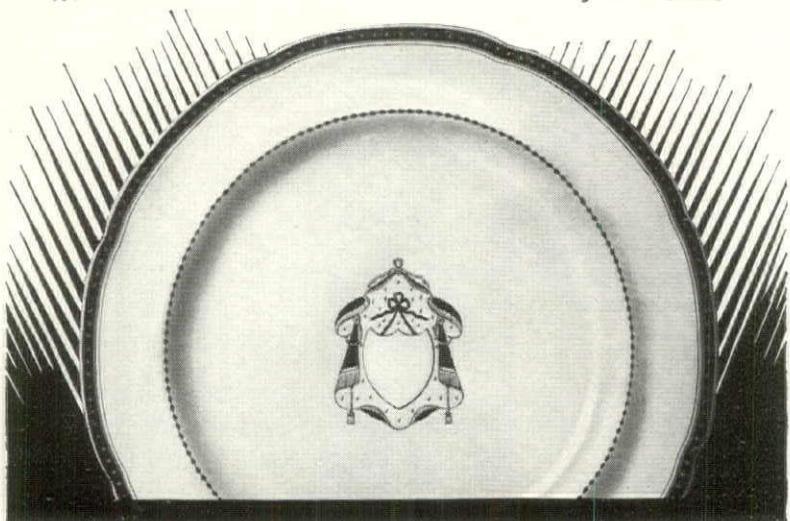
**Wm. H. PLUMMER & Co., Ltd.**  
IMPORTERS OF  
*Modern and Antique China and Glass*

7 & 9 East 35th Street, New York

Near Fifth Avenue

NEW HAVEN, CONN.  
954 CHAPEL STREET

HARTFORD, CONN.  
36 PRATT STREET



## INSURANCE FOR HOME-OWNERS

HOWARD S. TIERNEY

WHEN an accumulated surplus enables one to purchase a home, the average person who has not had contact with insurance matters finds himself at a decided disadvantage in not knowing what forms of insurance are essential and necessary to protect this investment.

The underlying principle of insurance is that premiums received from a large number of risks, less the expense of acquiring and handling the business, should be sufficient to pay the losses on the smaller number of risks involving losses, and still leave a reasonable margin of profit to the insurance company. Contrary to the general belief at the present time, the growth and development of most of the insurance companies are not attributable to the profits on the underwriting of the business. In most instances the loss ratio is in excess of that which will permit a profitable margin but they have grown by making the largest part of their income from investments.

### THE POLICY

It has aptly been said that "when one thinks of protection, one thinks of insurance", but "it does not follow that insurance is always protection." An insurance policy is a contract between the party insured and an insurance company. In consideration of the payment of the premium specified in the contract, subject to the various conditions of the contract, the insurance company will reimburse or indemnify the insured against loss from the perils specified in the contract. It can readily be seen, therefore, that the average person needs expert advice in purchasing insurance.

Insurance may be purchased in one of three ways:

(1) Direct from an insurance company, by applying either in writing or in person to one of the many companies. Obviously you can purchase only such certain forms of insurance from this source as that particular company sells.

(2) From an insurance company's agent. Most of the companies secure a large part of their business through agents in the various cities and towns. Many of these agencies represent several companies and those that represent fire, marine, casualty and life insurance companies should be in a position to serve the insurance needs of the home owner.

(3) From an insurance broker or advisor. An insurance broker's services may be compared to the services of a lawyer on legal matters, except that the broker receives a fixed remuneration from all insurance companies. He is legally responsible to his client to procure the insurance requested written in a proper manner and should represent his client in the adjustment of any losses; advise his clients as to the various forms of insurance needed to thoroughly protect their property.

Although the rates, generally speaking, for the various forms of insurance cannot in any sense be considered exorbitant today, a more favorable loss ratio would reduce existing rates.

There is in almost every State Government in the Union a department known as the Insurance Department. In most States this department has the authority to compel insurance companies to reduce the rates if they are making more than a reasonable profit; likewise to insist that they increase their rates if the loss ratio shows the rates to be inadequate. This is a protection to the insuring public which is little recognized; it is quite as important that the department supervise the adequacy of the rates as it is to see that the rates are not excessive. In this way the financial stability of the companies is maintained, giving the insured far more protection than if companies were permitted to operate indiscriminately, and fail when, very often, a policyholder's claim represents years of saving. The number of insurance companies that fail in comparison to the number of failures in any other particular line of industry is relatively quite small.

The insuring public little realize to what extent they control and actually make the rates which they are charged. Proper co-operation for the reduction of losses, therefore, operates to the public's own advantage.

A resident in the suburbs or the country should cut away the long grass a sufficient distance from his home so that in the event of a grass fire in the spring or fall his property would not be exposed to this unnecessary risk. The smoking hazard is one of the largest sources of fire losses. Employees, and owners themselves, are certainly negligent when a fire is caused from this source.

Installation of electric lights and lamps by home owners, rather than by a licensed electrician, is another common source of fire losses. Losses from these sources would be covered under the average insurance policy, yet it can readily be seen that the proper safeguards on the part of the property owner would eliminate them. Statistics show, however, that a large proportion of the annual fire losses are attributable to the improper wiring.

### FOR BURGLARY

The fact that burglary insurance is carried should not encourage the property owner to remove all safeguards from the care of valuable property. There are certain limitations in a burglary policy which eliminate liability for some of the losses caused by the carelessness of the owner. However, the largest percentage of the losses that are paid annually would not have occurred had the proper precautions been observed.

More than 50% of the accidents in which automobiles are involved, causing injury to persons and property, can and should be avoided. Undue speed in crowded traffic, disregard for other motorists and pedestrians in order to save a few minutes in the course of a day, are responsible for a major number of the accidents.

When the public, either through the increasing cost of insurance or through education, realizes how it controls rate-making, civic bodies such as

(Continued on page 182)



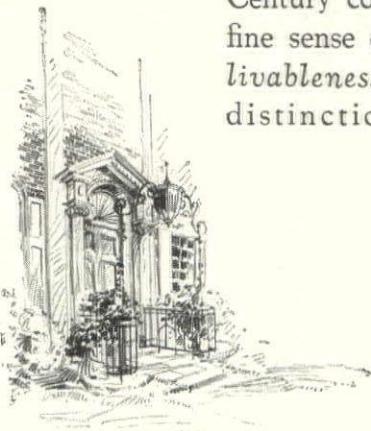
New York Galleries, Inc., Decorators

ONE of the most distinguished decorative styles of all time, Georgian architecture and related arts will no doubt survive the fads and foibles of an experimental age, where culture and good taste prevail. ~ ~ ~

English interiors of the Early XVIII Century combined to a rare degree a fine sense of dignity with a feeling of *livableness*, and achieved decorative distinction through the happy

co-ordination of the furniture and other appointments with an interesting yet restful background. ~ ~ ~

As a producing organization of decorators and cabinetmakers, we are prepared to complete an interior in harmony with any architectural motif in each detail of the background, furniture, lighting, hangings and other incidentals so essential to a well-considered decorative scheme. ~



# New York Galleries

INCORPORATED

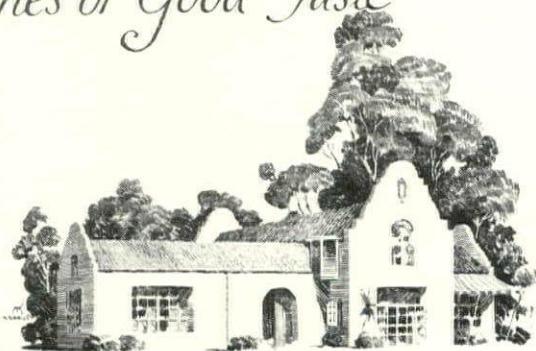
Madison Avenue, 48th and 49th Streets

CABINETMAKERS      DECORATORS      ANTIQUARIANS  
ARCHITECTURAL REMODELING

© 1929, N. Y. G.

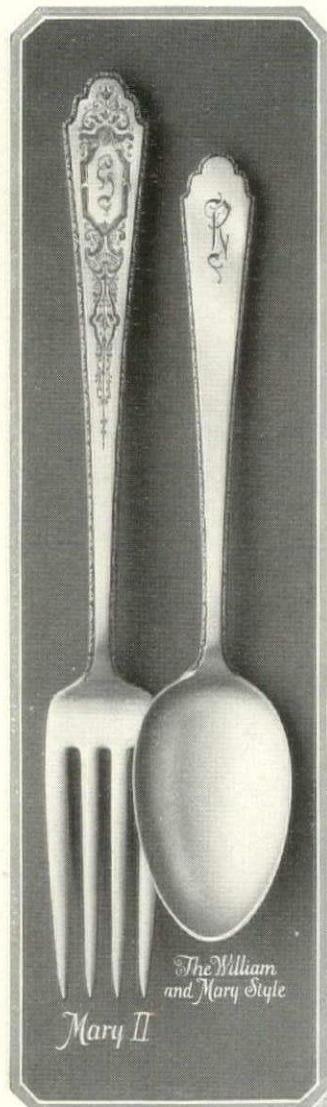
# And Now—Lovely Sterling Designed to Harmonize with the Decorative Spirit of American Homes of Good Taste

CREATING A NEW WAVE OF INTEREST AMONG DISCRIMINATING HOSTESSES IN THE PATTERN AND CRAFTSMANSHIP OF THEIR TABLE SILVER

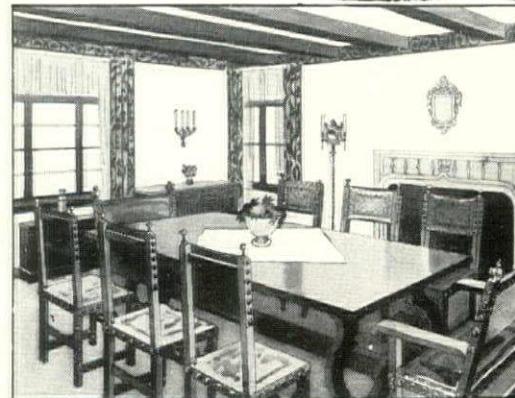
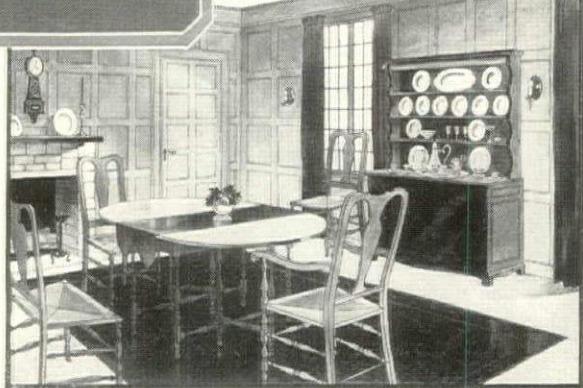
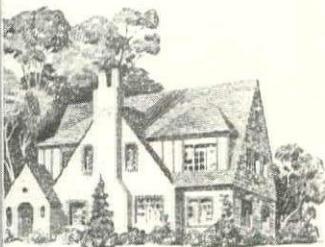


*For the Dining Room in the Spanish or Mediterranean Style*

The Spanish style, like the English, is modern America's by right of inheritance. And what could be more appropriate in a Spanish or Mediterranean type of dining room than the GRANADO pattern, authentically correct in its interpretation of historic Spanish-Colonial design.



Mary II

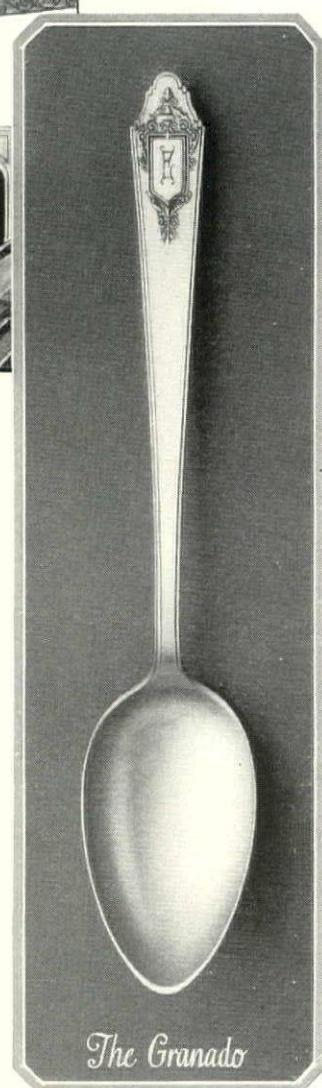


GOOD taste is the power of discerning and appreciating beauty, order and that which constitutes excellence. In the decoration of the home it is the ability to select what is pleasing, refined and appropriate.

A room in good taste is not the assembly of unrelated objects, no matter how fine is the quality and design of each object. It is the grouping together of appropriate things of excellence and good usage which harmonize and fit the homes we live in.

"Treasure" silversmiths, Rogers, Lunt & Bowlen Company, beyond creating charmingly beautiful patterns in Solid Silver, have had a keen appreciation for the fitness of their Tableware for modern American homes of good taste. So now, the smart hostess may exercise a little nicer discernment in the selection of this most cherished of all home appointments.

You may choose among "Treasure" patterns a design



The Granado

*For Those Who Love the Early English Style*

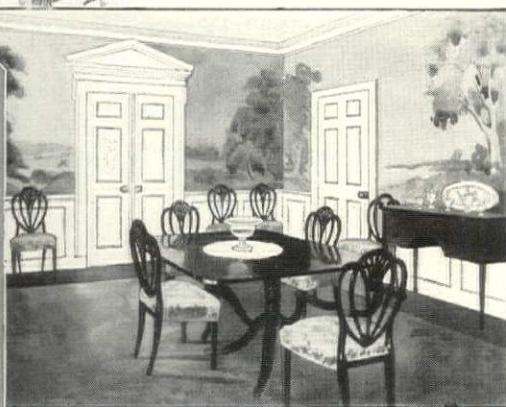
Your house may be half-timbered or of whitewashed stone—typically English. Or perhaps of pioneer Colonial-English interpretation with sharp gables and steeply pitched roofs—or even a rugged, informal Pennsylvania Dutch. If so, the WILLIAM AND MARY STYLE or the MARY II pattern will harmonize most happily.

STERLING 925/1000 FINE



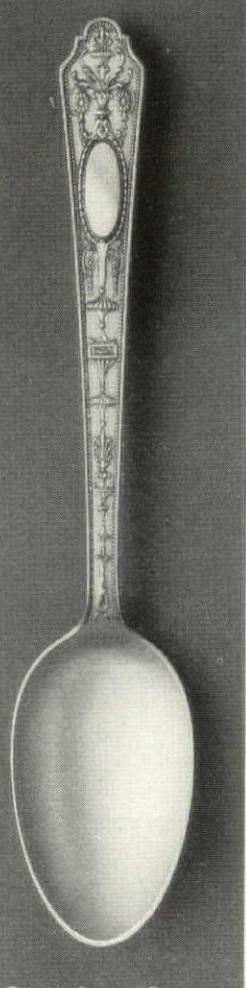
# Treasure® Solid Silver

STERLING .925/1000 FINE



### *For the Dining Room of Georgian Elegance*

*In homes inspired by the works of the famous Colonial architects Bulfinch and McIntire, or tall-pillared Southern mansions, their stately dining rooms of classic design are most fittingly graced with table silver in the ADAM STYLE, blending perfectly with their refined, luxurious decorative feeling.*



*The Adam Style*

which will just fit in with the decorative spirit of your home. Whether your home is done in early English manner, or the stately Colonial-Georgian spirit, or expresses the quaint charm of early American days, or decorated in the Spanish or Mediterranean style . . . there is a "Treasure" pattern which will harmonize perfectly with your dining room appointments—and will add a wealth of beauty and distinction to your home.

Based on enduring period designs, "Treasure" patterns carry the assurance of correctness and permanent good taste. Silver which will be a symbol to

your friends and family, even down to your children's children, of that noble need in you to express yourself in beauty that endures. Perhaps, too, you would appreciate the assurance of always being able to purchase your "Treasure" pattern! You may start your service now with a few pieces and then add to your set, as time goes on, over a period of years. Probably you never will lose the desire to acquire more of this charming solid silver...in Tea Set, Coffee Set, and other pieces of Dinner Hollow-ware to match.

STERLING 925/1000 FINE



### *For the Dining Room Which Expresses the Spirit of Early American Days*

*Friendly and delightfully livable are the many modern adaptations of simple Colonial homes. In such a setting the EARLY AMERICAN STYLE, Plain or Engraved, is in perfect keeping, for this pattern takes its inspiration from the best examples of spoon designs made by our early American silversmiths.*

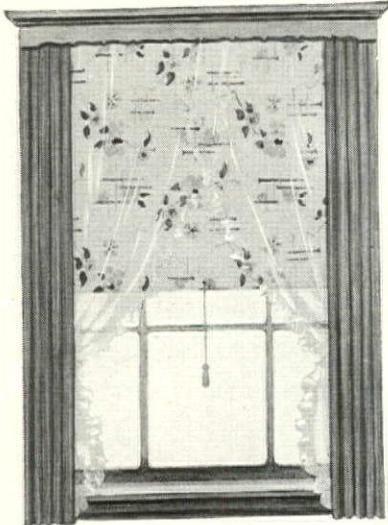
There is an excellent jeweler near you to show you this lovely silver in complete lines. Write us for his name, and if you will tell us which pattern, or patterns, interest you most, we will gladly send you catalogues. Should you desire the help of our Service Department in selecting your pattern, as many do,—tell us what is the decorative theme of your dining room, style of furniture, etc., and we will advise what "Treasure" patterns would be in correct keeping.

*Please address your request to Dept. D.*

**Rogers, Lunt & Bowlen Co.**  
~ SILVERSMITHS ~  
*Creators of Distinctive Tableware*  
GREENFIELD - MASS.

Member of the Sterling Silversmiths Guild of America





## Now..in Figured Designs

Tontine washable window shades take on added smartness

FOLLOWING the definite style trend toward more colorful home decoration, the du Pont Company has recently developed and now offers to homemakers these lovely new figured window shades in Tontine. Now, for the first time, you may purchase washable Tontine figured window shades which will complete any desired decorative scheme.

These Tontine shades are figured on one side only, the other side being plain. This allows you to complete a colorful decorative scheme inside, without affecting the uniform appearance of the outside.

An occasional washing allows the home equipped with Tontine to enjoy clean shades always. For Tontine window shades wash *clean*. A scrubbing with soap and water immediately restores their original beauty.

Tontine window shades do not fade, crack, pinhole or fray. Pyroxylin, the same basic substance used in making the famous du Pont Duco, gives



All Tontine shades, figured or plain, can be washed clean—freed from every trace of dust and stain with soap, water and a brush.



## TONTINE THE WASHABLE WINDOW SHADE

### Follow these details carefully

Take shade down from brackets and measure exact width tip to tip including metal pins at each end of roller. (See diagram.) Measure also length of shade unrolled. Specify which pattern wanted: Mikado, Amerique, Trinidad, Toyland. Fill out coupon fully. Enclose \$2.50.



Measure from tip to tip, including metal pins. Use yard stick.

This coupon not good for a shade over 40 inches wide. This coupon not good after June 1st, 1929.

*Mikado*  
Mountain Blue,  
Orange, Leaf Green  
on soft Ecru ground



them resistance to sun, rain and rough handling. You can get Tontine window shades in a wide range of lovely colors, in the new figured designs, in widths up to 54 inches, or plain, or in the corded effect so extremely popular. For best results—also ask for Tontine Rollers.

A Sample Tontine Figured Shade  
for \$2.50

To convince you of the beauty of these new figured Tontine washable window shades we will make you a special offer of one Tontine shade in any of the above illustrated designs at \$2.50—any width up to 40 inches. This offer is special and for a limited time only (closes June 1st)—to acquaint you with the merits of Tontine shades. We are offering

this sample shade at considerably below the regular retail price. We therefore can send only one shade to each home.

Take measurements according to the instructions below. Enclose \$2.50 (cash or check) and mail the coupon to us today.

## MAKING PAPER SCREENS

(Continued from page 99)

is necessary to size the surface with a good glue size. This can be obtained at any paint store. The next step is to lay the wall paper on the screen in order to test it for the placing of the design. In gauging the pattern to the size of the frame be sure to allow enough paper to fold over the edges. When the design is properly placed, paste one strip with any good wall paper paste. Do not trim the paper, as it should be folded over the edge of the frame after pasting. In pasting use a paper hanger's brush and lightly brush the paper from the center to the sides to take out blisters. If desired, a wall paper border can be run along the edges as a finish. The side and top edges are covered by pasting a strip of heavy muslin, canvas or sanitary wall covering.

After the paper has dried and set, it is ready to be sized. The size is best lightly brushed onto the paper in long easy strokes. There are prepared sizes ready for immediate use or you can make a size by buying one pound of ordinary gelatine and boiling it in two quarts of water. This can be applied after the gelatine has thoroughly cooled. If you do not desire an antique finish, a lacquer can be applied directly over the size. Two coats are advisable. Most wall paper concerns are able to supply the finishing lacquer.

Should an antique effect be desired the paper is sized as before and then

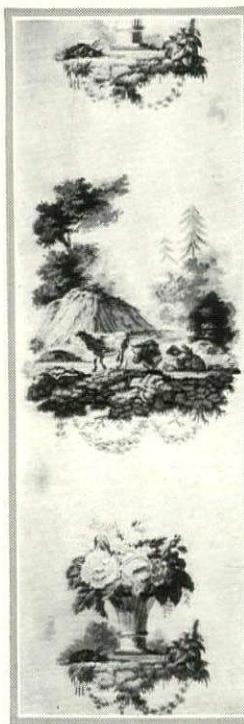
covered with a coat of transparent shellac. Then apply the color desired, usually a stain. It should be put on thickly and wiped out with a piece of cheese cloth. In wiping out work the hand in circular movements leaving color and light spots where desired. After the color dries a coat of lacquer is applied.

Now put on the hinges which are of the reversible type, join the wings together, put on floor cushions, which are nothing more than the ordinary chair leg cushions, and your screen is complete.

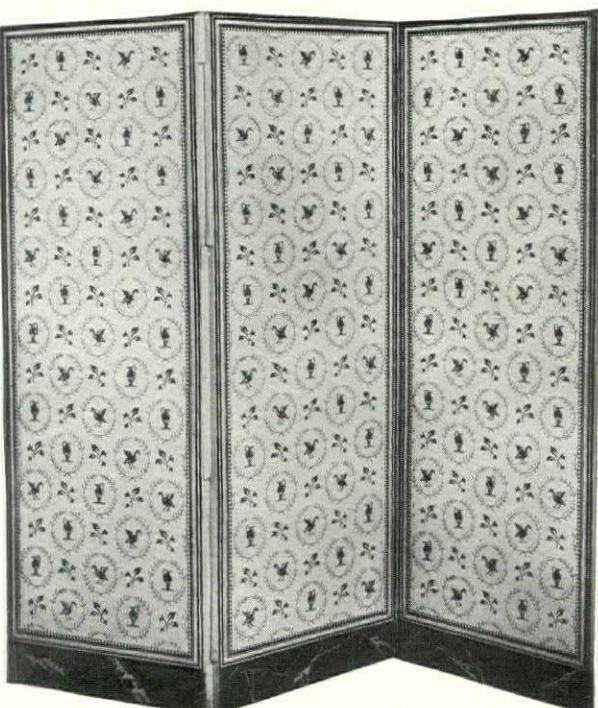
In selecting wall paper for a screen, the first thing to be considered is the kind of room it is to be used in. Dining rooms and living rooms, for instance, require more formal designs than bedrooms. Secondly, it is advisable, although this is not essential, to key the

period of the design in the wall paper to the era of the room's furniture. Fortunately this is a simple matter as there are now patterns in wall paper to fill every decorative need—new motifs of modernist inspiration that make delightful screens as well as reproductions of 18th Century French, English and American designs.

Illustrated on this page are two excellent papers for screens. The early American design at the top makes a charming screen for a Colonial room. Below is a French paper in a small design suitable for bedrooms.



An effective paper for a screen in an early American room. In gray or natural colors. Lloyd



The design of the wall paper above is excellent for a little room, being small in scale. This screen is also interesting for its use of border paper and marbleized base. Nancy McClelland

E. I. DU PONT DE NEMOURS & CO., Inc.  
100 Du Pont Avenue, Newburgh, N. Y. HG-MAR  
Canadian subscribers address coupon: Canadian Fabrikoid Limited, New Toronto, Ont., Canada.  
Herewith \$2.50. Please send me complete TONTINE Figured Shade..... inches wide, tip to tip, and ..... inches long (shade unrolled).  
Mikado  Amerique  Trinidad  Toyland   
Name.....  
Address.....

The Lady Diana makes her confident young bow

Slender and lovely and utterly feminine, The Lady Diana, newest of Towle patterns, brings to precious Sterling Silver the youthful spirit of your own Today.

Not the reckless sort of Today which borrows from uncharted tomorrows . . . not the cautious sort of Today that clings to outgrown yesterdays. Your Today—and The Lady Diana's—is the swift-running "ever-present" of eternal youth, in which life courses, like a joyous torrent, between banks of romance and adventure.

The symphony of approval with which brides of 1929 are greeting The Lady Diana has been anticipated by America's leading jewelers. At the merest whisper of this new magic name, any one of them will quickly lay out a full Lady Diana service for one cover, so that you may see its beauty from the smallest coffee spoon to the most impressive dinner knife. Then you may let it speak to you, as true beauty always speaks—to your eager desire to possess its fresh and fluent loveliness for your very own.

May we send you further information and prices? The Towle Silversmiths, Dept. G3, Newburyport, Mass.

**TOWLE**  
Sterling Silver Exclusively



# Bad weather is SORE THROAT weather

## *Gargle when you get home*

AS soon as nasty weather sets in thousands are down with sore throat, colds, grippe, flu, or worse.

Don't be one of them. Gargle with Listerine full strength every day—especially after exposure to rain, severe cold and coughing crowds in public places—buses, street cars and movies. This simple act may spare you a costly and possibly a dangerous siege of illness.

Because Listerine, full strength, is

powerful against germs—and sore throat, like a cold, is caused by germs.

Repeated tests show that Listerine kills even stubborn *B. Typhosus* (*typhoid*) and *M. Aureus* (*pus*) germs—200,000,000 of them in 15 seconds.

Realizing Listerine's power you can

### Two ways of whipping a cold

understand its effectiveness against the milder winter complaints caused by germs. Each year increasing millions rely on it.

Keep a bottle handy and at the first sign of trouble, gargle repeatedly. Don't hesitate to use it full strength. It is entirely safe in any body cavity.

If throat condition does not rapidly yield to this treatment, consult your physician. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.



Colds usually start in the nose and throat as a result of germs already present there or carried there by food touched by hands.

As a precaution against colds and sore throat, the use of Listerine full strength as a hand rinse before meals and as a mouth rinse and gargle every morning and every night, is

most effective.

When a cold or sore throat has already started, more frequent use of full strength Listerine is advisable. Its ability to get results lies in the fact that it is so powerful against germs. Don't hesitate to use it full strength. It's both healing and soothing to the tenderest tissues.



**LISTERINE**  
THE SAFE ANTISEPTIC

# PACKARD



The quality ideals, the original research, which created the first Packard still govern the building of Packard cars today

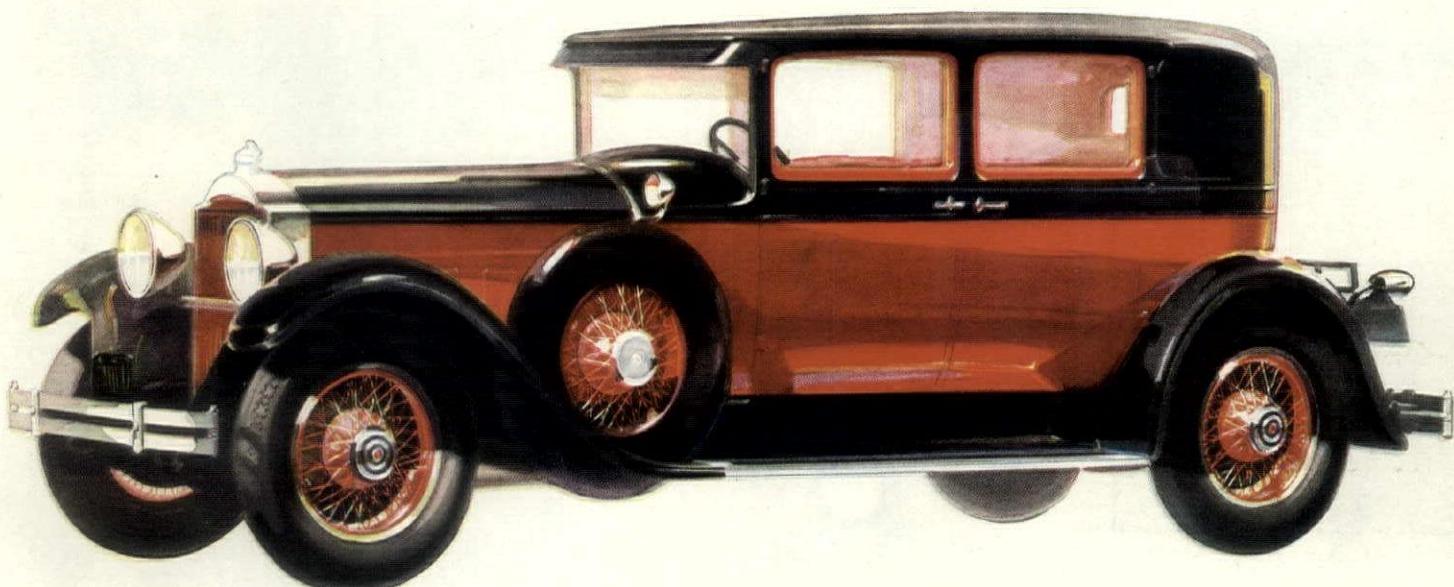
The first Packard was built in the 90's by a successful engineer of leisure and means. He wanted to own a better car than he could buy.

Even this first Packard had many original features, soon adopted by other manufacturers. And today Packard is acknowledged as the source of many outstanding motor car improvements, developed or sponsored by Packard engineers through the years and eagerly accepted and applied

by the industry at large. Supreme excellence in materials and craftsmanship, the highest ideals of business conduct and responsibility, have ever been and always will be Packard's sincere aim.

Thirty years of single intent, thirty years of pioneering research, have been rewarded by the establishment of the world-wide reputation for high quality and engineering leadership which Packard enjoys today.

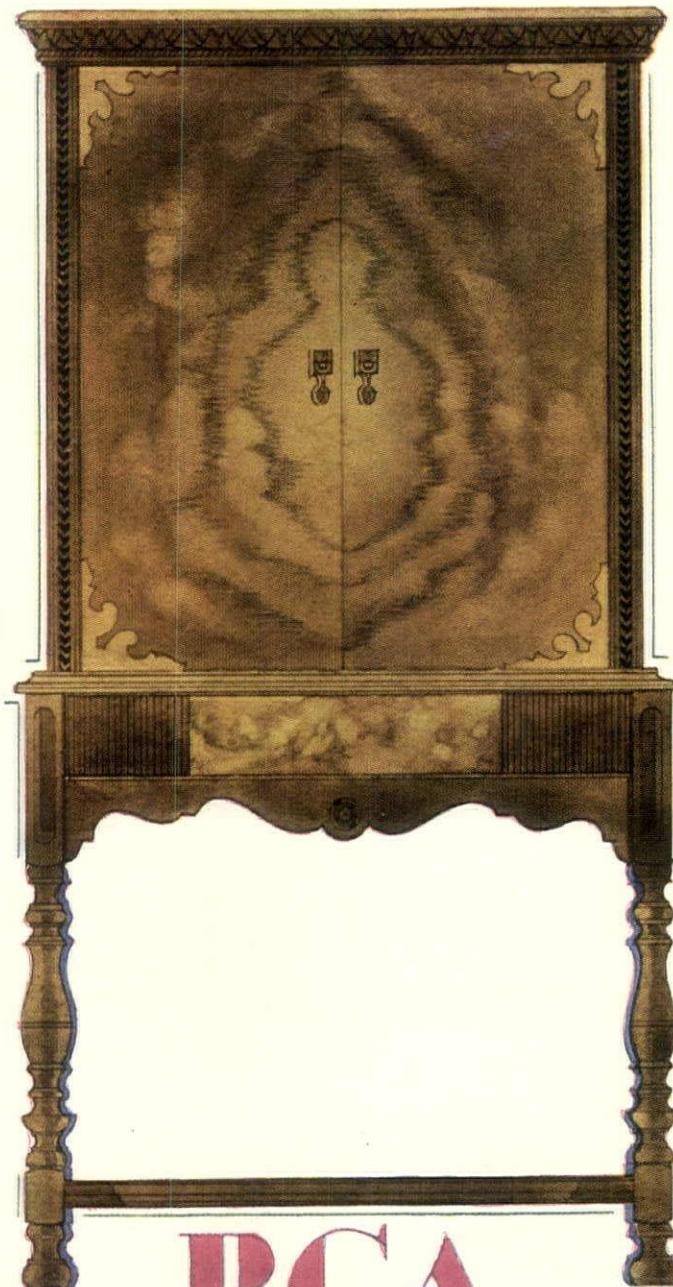
A S K   T H E   M A N   W H O   O W N S   O N E





RCA RADIOLA 62—Cabinet model of the new RCA Super-Heterodyne. RCA Electro-Dynamic Speaker. Beautiful cabinet of walnut veneer with maple inlays, and ingeniously arranged doors.

\$375 (less Radiotrons)

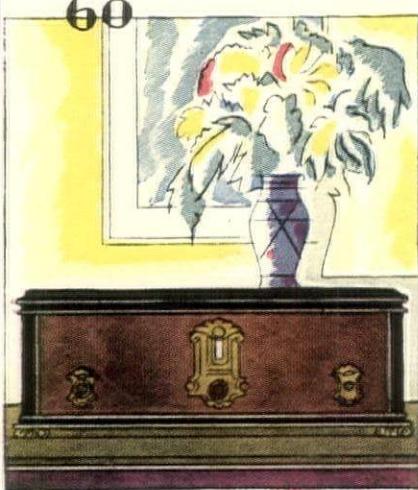


## RCA RADIOLA 62 SUPER-HETERODYNE



Riemersche

60 Radiola Super-Heterodynes are built to meet the demand for expertly designed radio receiving instruments reproducing broadcast programs with the highest possible degree of realism. These RCA receivers of the "60" series are the finest Radiolas ever offered. They are the product of three great associated companies—RCA, General Electric and Westinghouse.



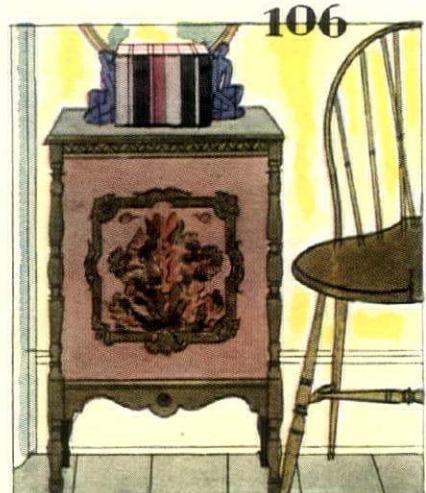
RCA RADIOLA 60—Table model of the new RCA Super-Heterodyne. Finest instrument of its kind ever built. Simplified house-current operation.

\$147 (less Radiotrons)

Buy with confidence where you see this sign

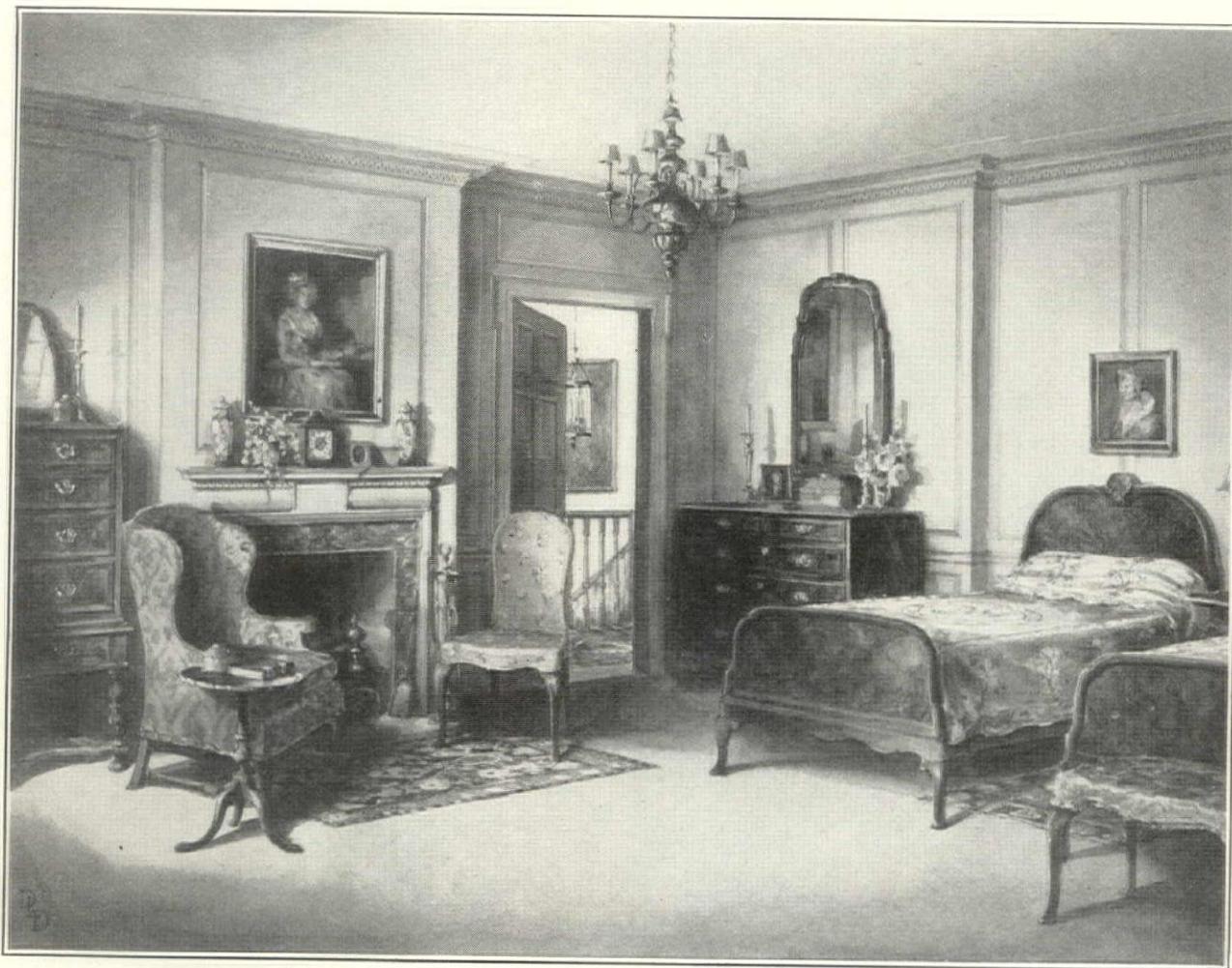


RADIO CORPORATION OF AMERICA  
New York Chicago Atlanta Dallas San Francisco



106  
RCA ELECTRO-DYNAMIC SPEAKER 106—The incomparable reproducing instrument of the type used in the new cabinet Radiolas. Operates from A.C. house current.

\$88



## THE HOGARTH GROUP

WHEN William of Orange came to England in 1689, he brought a new influence of comfort and grace to the stiff-backed furniture of Cromwell and the Stuarts.

Dutch cabinet-makers fashioned in walnut those lovely forms with cabriole legs and flowing contours—forming a style which flourished so vigorously through the reign of Queen Anne that it now bears her name. Its influence in America was so great that to the English mind it is synonymous with "Colonial".

The Hogarth bedroom group by Danersk is

in the spirit of this period, and is named for the great artist-critic of the day.

Comfort, grace and beauty are in its proportion and character; rich burled walnut panels... herringbone and ebony borders around drawer fronts... a quiet dignity and restraint with a subtle flavor of the French influence—one of the essential traditions of Queen Anne furniture.

You are most welcome to visit our showrooms and see this interesting new Danersk group—with a lovely collection of individual pieces and related groups for every room in the home.

## DANERSK FURNITURE

ERSKINE-DANFORTH CORPORATION, WHOLESALE AND RETAIL

383 MADISON AVENUE, NEW YORK

CHICAGO SALESROOMS: 620 NORTH MICHIGAN AVENUE

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FACTORIES IN NEW ENGLAND

## OUTLINE OF GOTHIC FURNITURE

(Continued from page 109)

## ENGLAND (1189-1509)

*Construction:* Solid, architectural, copies of foreign pieces.

*Ornament:* Carving similar to that in architecture; painting in bright colors; gilding on plaster-work. Open-work traceried designs carved in the solid wood. French influence in early pointed type, Flemish in the 15th Century when linen-fold carving dominated. German influence in iron-work. Rich, bright-colored fabrics.

There were few articles of furniture and these were practically the same in all countries except southern Spain where the Moorish habit of sitting on cushions left little need for furniture except the *arca*—chest—and the bed. A short glossary of these articles shows their relative importance.

*Bed*—early models are draped with long curtains. 13th Century Spanish beds are of iron or bronze and canopied with superb Gothic textiles or magnificently decorated leather; 14th Century models are of wood, at first plain, later flamboyantly carved, of enormous size and height, requiring steps for their use. Italian models are built box-like on a platform, with rectangular head-board and foot-board, undraped, decorated with small panels, *intarsia* ornament, or painting. English beds are heavily curtained.

*Bench*—a piece in general use. High-backed, canopied for dignitaries, often built into the wainscot. Simple backless type used at refectory table. Early French chests sometimes have back and arms; a 15th Century double bench has a bar back, removable for sleeping. The Spanish *banco* was indispensable and is still in use. Italian examples are paneled. The English *dossier*—with canopied back—was used as a day-bed, paneled and carved, often built into the wainscot.

*Box, coffre, casket*—*bahut*, a French strong box or leather trunk; early examples are elaborately carved. Small boxes resemble the larger chests, and are similarly ornamented; an indispensable household article, often an object of art.

*Buffet*—sideboard or dresser, the French *crédence*, the Italian *credenza*, a sacristy when for ecclesiastical use. A paneled chest set on legs and used as cupboard and table combined. An *étagère*—set of shelves, was sometimes placed on top for display of plate, the number of shelves indicating the owner's rank and wealth. Its size increased enormously, sometimes to twenty feet, and was curtailed by royal decree. The French type is double-bodied, with underbracing or display shelf near the floor, often resembling the later English court-cupboard; carved traceried paneling. Flemish type similar, carved elaborately with human figures. English model, the ancestor of the modern sideboard. *Crédence*—a name acquired from its use as a serving table, where the servant tasted the food for the suspected poison too commonly used in the Middle Ages.

*Cabinet*—a fine and rare piece, used only in great houses. The French type has elaborately carved paneling. The Italian is decorated in fine *certosino*. The Spanish *buffete* or *conlador* is very rare. The English examples

are smaller than the court-cupboard.

*Chair*—used only by the master of the house; rectangular, with solidly boxed seat, arms, and back. The chair of state is enormously high-backed, frequently canopied, and elaborately paneled and carved. There was considerable variety of forms, Italian and Flemish models of classic type in wood or metal, with arms and back forming a continuous railing; or X-shaped of Byzantine type, with stretched fabric or leather seat and back. Italian chairs are often decoratively painted. Spanish chairs are rare, of rectangular type or with a back of medium height; or X-shaped. English examples are box-shaped or X-shaped, paneled and carved.

*Chest*—the most important article of furnishing. Early models are heavily strapped with iron, later ones decorated characteristically in the different countries and periods with framed paneling, painting, marquetry, colored and gilded plaster-work, carving—in traceried compartments, foliated arcades, and floral, foliage, and figure designs. French—*coffre*, sometimes called a *bahut*; Spanish—*arca*; Italian—*cassone*, small chest—*cassetta*, marriage chests in pairs—*albi de ligno*; English—chest or coffer, trussing chest—for traveling, bride wain—the marriage coffer, Tilting Chest—decorated with deeds of arms or chivalry. Gothic chests are set flat on the floor, on end runners, rectangular, or on bracket feet, with or without shaped aprons.

*Cupboard* or *hutch*—an article in general use. It was set flat on the floor, on short block feet, or raised on legs; and is either single or double-bodied. The French *huche* was of such importance that cabinet-makers were known as *huchiers*. In Spain, a rough coffer was ancestor to the *vargueño*. In Italy, the cupboard was simply or sumptuously decorated. In England, the livery cupboard, *armoire*, or dole cupboard was used for food, candles, etc., and ornamented with pierced tracery for ventilation.

*Prie-dieu*—a prayer-stool, combined with reading-desk.

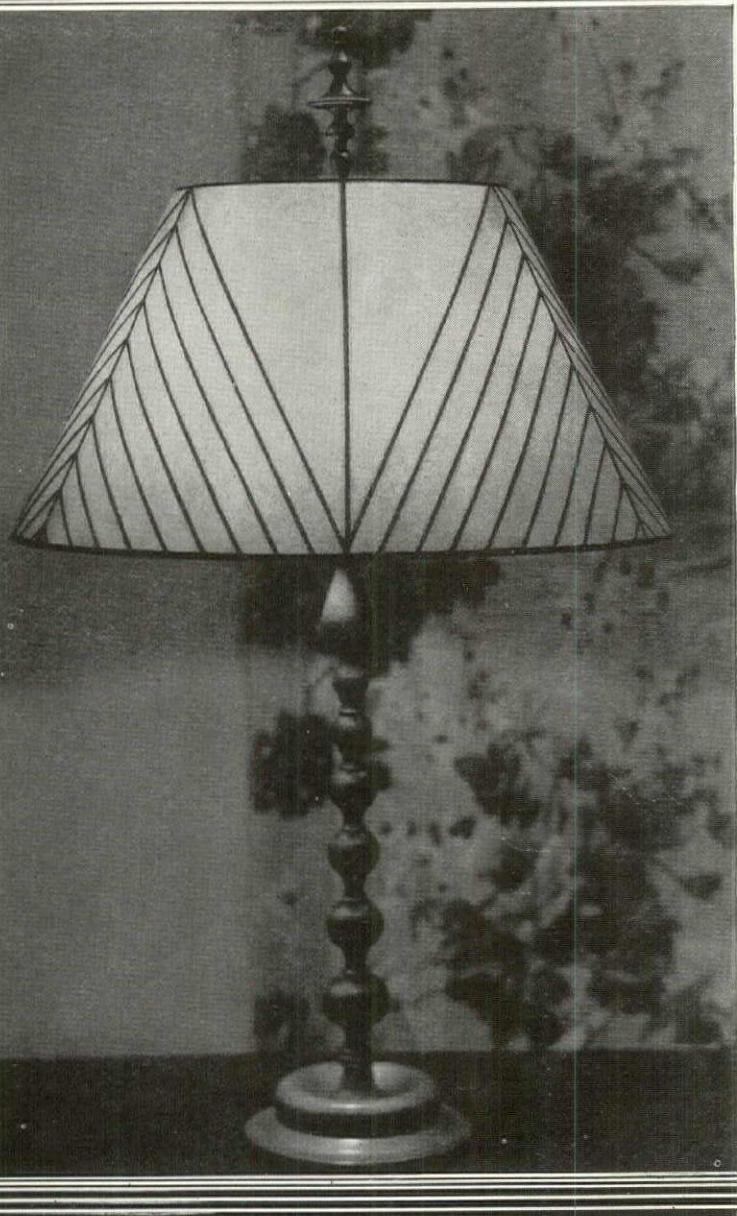
*Secretary*—rare. Some fine 15th Century Spanish examples.

*Sideboard* or *dresser*—very large in late Spanish Gothic examples, for display of silver plate which was more abundant in Spain than elsewhere.

*Stool*—in common use. French, *escabeau*; Spanish, *banqueta*.

*Table*—early type has long boards on removable trestles. A noted 15th Century French table has carved trestles with a wide pierced cross brace and octagonal top. Spain had writing and dining-tables. The Umbrian type in Italy has end supports on curved base runners, connected by a stretcher; curved apron; top, oblong, rectangular. Later Italian models of folding type, inlaid; few center tables, some of tripod type in wrought iron with typical 15th Century voluted supports. English types were generally removable boards on trestles; a low side table for a buffet; and a toilet table.

*Wardrobe*—carved in the North; *Mudéjar* inlay in Spain. The English *garde-robe* was a small room.



THE PYRAMID, a conservative style, somewhat after the Modern Manner. In softly mellowed tones of amber, umber, peach-glow and jade green, admirably suitable for the usual—or unusual room.

## Shades by de Sherbinin

YOU see illustrated but one of many shades which bear the Hall-mark reproduced below. The only recognized symbol of lamp shade perfection in parchment, it is to be found upon the frame of every genuine Shade by de Sherbinin.

Styled for all types of interiors, Shades by de Sherbinin are conservatively smart to a degree which enables them to be used with every type of lamp base with the assurance that they will create complete lighting units of charm and distinction.

They are sponsored by decorators and leading shops everywhere.

**de Sherbinin inc.**

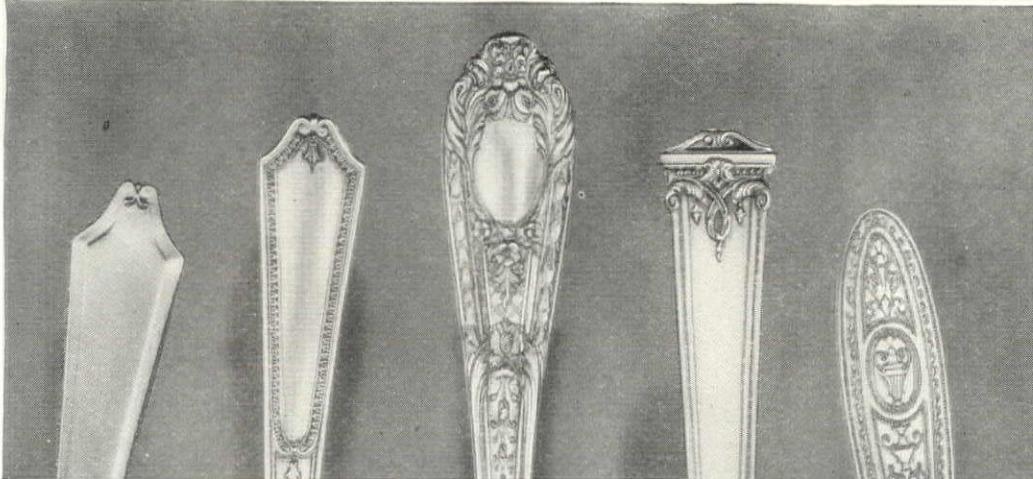
116 EAST 27<sup>TH</sup> STREET • NEW YORK CITY

# INTERNATIONAL STERLING



PINE TREE

PICTURE EACH WITH YOUR HOME AS THE BACKGROUND. THEN CHOOSE!



Minuet

Georgian Maid

Fontaine

Trianon

Wedgwood

DON'T...  
if it's any other pattern  
DO...  
if it's Pine Tree

PINE TREE—delightfully original new pattern in sterling—entails a whole new code of etiquette.

For though one wouldn't—for worlds—be caught peeping at the back of any other pattern, one may—one should look at the reverse side of Pine Tree.

It delights one's hostess. Therein lies part of her joy in her silver. For not only does the pine tree symbol on the reverse side of this pattern say "sterling"—unmistakably—but it permits the hostess to tell such a quaint old story.

*"Long, long ago, when America was but a group of colonies, her first silver coin was to be minted. The Mintmaster sought a distinguishing mark for the new money."*

*"And thinking, sketching, he drew a pine tree—primitive and sturdy. That pine tree image came to be known throughout the colonies as the symbol of sterling on the Pine Tree shilling."*

*"Today, on this very modern silver, the pine tree image means just what it did, so long ago."*

Confess... If you possessed Pine Tree, wouldn't you, too, be eager to have guests look at the back of your silver?

\* \* \*

6 teaspoons in this smart new solid silver are but \$11.—or a 26-piece "beginner's" set but \$73.35. Matching hollow-ware is particularly distinctive.

\* \* \*

What pieces will you need first? The progression from a beginner's set all the way to an elaborate service is discussed in the most helpful of silver booklets—"Correct Table Silver—Its Choice and Use." It shows various International patterns, with pieces and prices on each.

With it will come the PINE TREE booklet, giving PINE TREE's charming history. Send 30c—a fraction of their actual cost—for both.

H. &amp; G. 3-29

INTERNATIONAL SILVER Co., Meriden, Conn.

Enclosed is 30c, for which please send me "Correct Table Silver" and PINE TREE booklet.

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

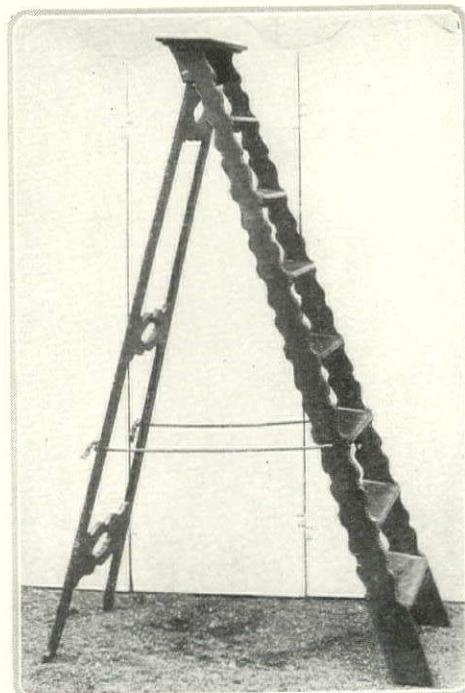


## ROOKWOOD

Most beautiful of all gift-wares — and most appropriate to the Easter season. Spring tones in turquoise, green, yellow, ivory and rose. See our exclusive distributor in your locality.

**ROOKWOOD POTTERY**

CINCINNATI, OHIO



Library stepladder in mahogany with rope molding along edge; 1765. The Hayden Co.

## VERSATILE LIBRARY STEPS

(Continued from page 111)

constructed, and unusually comfortable to sit in. The illustrations show it both as a chair and as a flight of library steps. This Regency type of chair was only one of many varieties that were made so that they could be turned into steps, when occasion demanded, and then turned back on their hinges to become chairs again.

Tables with a library step combination seem to have been a later development than the stools and chairs that could be transformed into ladders by a turn, a push or a pull, but by the end of the century their position was fully established. In fact, they were bound to achieve popularity, for had not the King ordered one?

Of one of the step-tables in *The Cabinetmaker and Upholsterer's Drawing Book*, Sheraton writes:

"This design was taken from steps that have been made by Mr. Campbell, Upholsterer to the Prince of Wales. They were first made for the King and highly approved of by him, as every way answering the intended purpose. . . . The steps may be put up in half a minute, and the whole may be taken down and enclosed within the table frame in about the same time. The table, when enclosed, serves as a library table, and has a rising flap, supported by a horse, to write on. The

size of the table is three feet ten inches long, thirty-three inches high, and two feet one inch in width. When the steps are out, they rise thirty-three inches perpendicular from the top of the table frame, and the whole height of the last step is five feet five perpendicular from the ground. The perpendicular height of the hand-rail is three feet one inch above the last step; and observe, that on g, which is iron, is fixed a small flap on which a book may rest, so that a gentleman, when he is looking at any book in his library, may note down a passage from it without the trouble of going down again."

Truly this was a marvelously handy, as well as handsome, piece of furniture that even those single ladies, who slumbered in elliptic beds, might be pleased to make use of.

The architects and furniture-makers of those days were wise in their generation. They designed bookcases and built-in bookshelves whose upper tiers were too high to be reached by persons standing on the floor, and thereby they took away the temptation to make junk repositories of the tops; at the same time, they were contriving comely furniture accessories for the library whose ingenuity and style have never been excelled.

## A COLORFUL KITCHEN

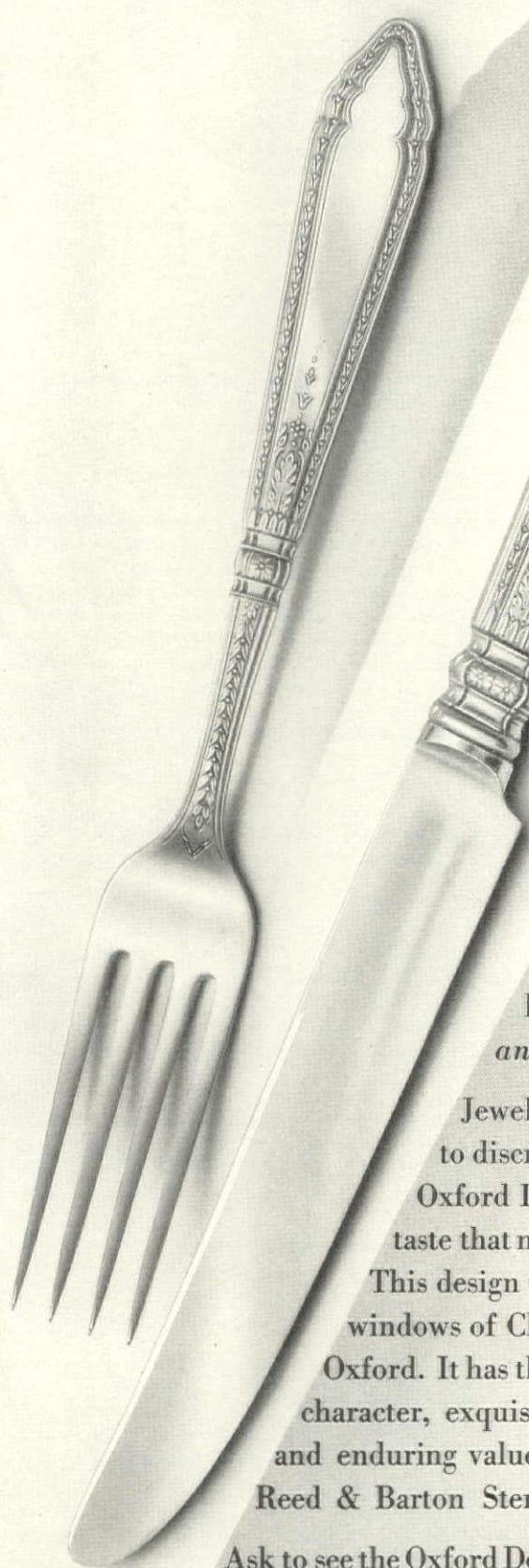
(Continued from page 132)

have a certain relation to the crude shapes of pots and pans. And always must the requirements for cleanliness be a primary consideration. The kitchen must sacrifice to charm nothing of its efficiency even if it sheds something of its strictly hygienic surface appearance. The sophisticated Sheraton influence on elemental culinary surroundings would be as much out of

place as would a Chauve-Souris motif introduced into a formal drawing room. The intimate pleasure in homely tasks, the inviting hospitality of alluring smells, the feeling of cookery as more of a joy and less of drudgery, these are the themes we try to translate, in terms of the spectrum, into our kitchens today.

# OXFORD

IN REED & BARTON STERLING



THE  
Oxford Design  
in Sterling Silver, by  
Reed & Barton, has proved  
to be a pattern of universal  
appeal.

A prominent society woman says of it:  
*"We are surfeited with the severely plain  
patterns. The Oxford Design is a happy medi-  
um between extreme simplicity and lavish orna-  
mentation. It is pleasing and in good taste—  
a design that I am glad to have for my table."*

A decorator, who brings beauty into the finest  
homes, says of the Oxford Design: "It is  
an ideal pattern for the tables of today."

Jewelers, who supply Reed & Barton Sterling  
to discriminating purchasers, tell us that the  
Oxford Design meets a demand of public  
taste that no other present pattern meets.

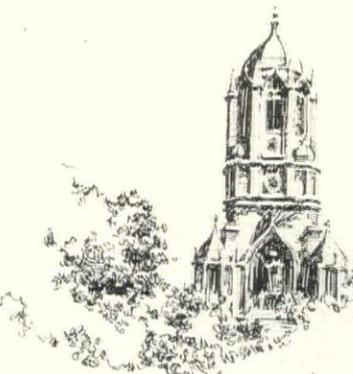
This design was inspired by the superb  
windows of Christchurch Cathedral at  
Oxford. It has the substantial weight,  
character, exquisite workmanship  
and enduring value typical of all  
Reed & Barton Sterling Silver.

Ask to see the Oxford Design, at  
your jeweler's.

**REED & BARTON**  
TAUNTON, MASS. NEW YORK, N.Y.



*Set of six*  
DESSERT FORKS \$22.50  
\*DESSERT KNIVES 21.00  
TEA SPOONS . . 13.50  
\*With stainless Mirror-  
stele blades, new  
French shape.



**REED & BARTON**  
TAUNTON, MASSACHUSETTS  
STERLING ESTABLISHED OVER 100 YEARS SILVER PLATE



*"Appeal effectively to the higher aesthetic tastes"—BECKWITH*

LONG AGO people of unerring taste discovered that articles of adornment have an immense value in expressing personality in the home.

How true this is of the intriguing *Futura* designs in Roseville Pottery! In the few examples given here you can catch the modernistic beauty of *Futura*... the dashing lines... the fearless spirit that Roseville craftsmen have so artfully given them.

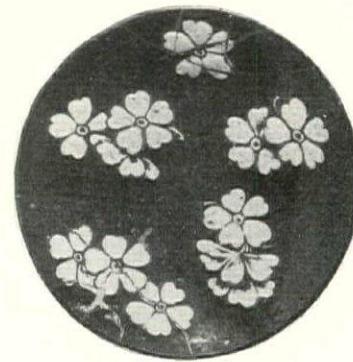
In this fascinating pottery, there is an exhilarating variety to select from. There are bowls, vases, candlesticks, wall-pockets, jardinières, hanging baskets... scarcely any two alike... delightfully tinted in harmonies of blues, grays, tans, reds and greens.

Certainly *Futura* lends distinction... creates a decorative touch superb and uncommon. And so you will want to see these shapes. They will be shown to you at leading stores, where you can make a choice for yourself, or as unusual gifts.

*The abundantly illustrated booklet, "Pottery", is yours for the asking. Write for a copy. You will find it interesting.*

THE ROSEVILLE POTTERY CO., Zanesville, Ohio

# ROSEVILLE POTTERY



Japanese pottery dish. 18th Century example of Pâte-sur-Pâte decoration. From the Boston Museum of Fine Arts

## PÂTE-SUR-PÂTE POTTERY

GARDNER TEALL

THE work of the potter can never be a hum-drum affair; there is always something of adventure in the researches of masters of the craft. The early Italian maiolica workers of Gubbio and of Deruta who sought or stumbled upon a way to produce their remarkably beautiful ruby lustres; Bernard Palissy, tense and despairing after many failures, at last opening his kilns to find them giving France the first enamelled faience of distinction in French ceramic history; Johann Böttger, practicing alchemy, attracting the attention of Augustus II., Elector of Saxony (who hoped to wrest from him the secret of making gold, if ever Böttger should come upon it), happily discovering a way to produce porcelain of the Chinese sort, thus satisfying Augustus, and probably saving his own head—these are but a few of the instances in ceramic progress which show that the potter's art has not been attended in its development by monotony.

This romantic element has, I think, done much to make the collecting and the study of pottery and porcelain particularly appealing, aside from the fact that old china has always a decorative value, and then there is that about-to-be-usedness of its appearance which invests it, I fancy, with the same sort of intimacy we find in our association with old furniture. But

there is one sort of porcelain which has been somewhat neglected by American collectors and that is the sort known as *pâte-sur-pâte*.

*Pâte-sur-pâte* porcelain deserves more attention than it appears at any time to have received. It is not a completely modern sort of decoration, for certain varieties of it were known to the Chinese and Japanese ceramicists some centuries back. In all probability its evolution was attended with failures as disheartening as Palissy's, its final perfection the result of a patience equal to his own combined with the application of the scientific discoveries in the ceramic art which came about in the Nineteenth Century.

Certainly the evolution of *pâte-sur-pâte* porcelain holds a romantic history of its own, although wrapped in obscurity in the early periods of its fabrication. As this form of decorated porcelain is by no means a common one, perhaps the story of its genre will quicken an interest in it and enable the lover of old china to recognize it, since, beautiful though the finer pieces may be, it does not immediately disclose its interest or give complete hint of the ingenuity, art and skill which brings it into being. It is not, indeed, a fabric that makes the appeal to us which a beautiful piece of Wedgwood does. Frankly,

(Continued on page 162)



Minton porcelain Pâte-sur-Pâte vases executed by Solon in the last quarter of 19th Century. The Pennsylvania Museum, Memorial Hall, Philadelphia

# This HAND WROUGHT DESIGN

Adapted from an old Crewel Embroidered Curtain of the

late Seventeenth  
Century



INTO THIS splendid hand-made crewel has been wrought all the rich beauty, the royal dignity of the fine old crewel by which it was inspired—a XVII Century curtain hanging in the South Kensington museum in London.

A dramatic design worked in brilliant twisted wool yarn on an interesting heavy wool tapestry of curiously crinkled weave, it is a splendid representation of that crewel embroidery which graced the finest of XVII Century English interiors.

For hangings or furniture in the formal room it is a fabric of unusual distinction.

This embroidery on a fawn background may be delivered immediately. By special order it may be had on six shades of wool tapestry, or any other Schumacher fabric.

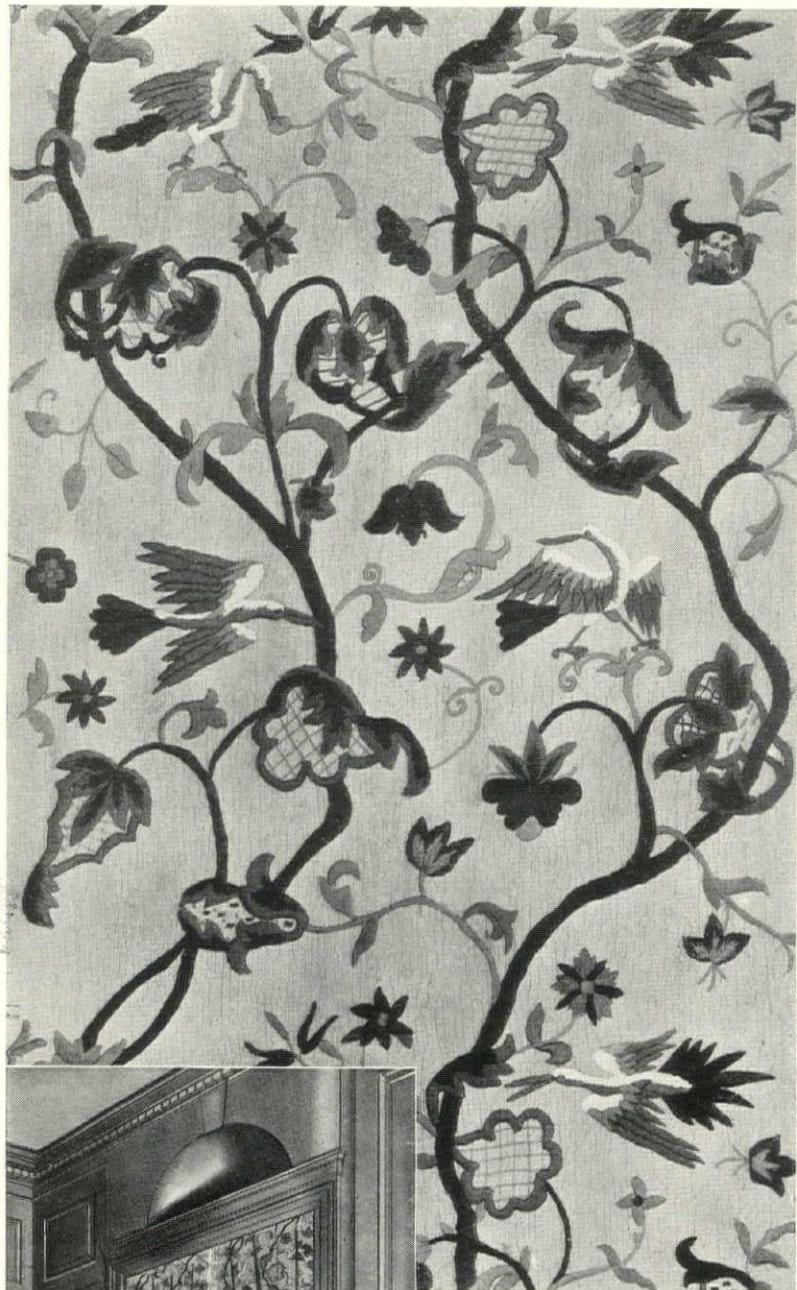
Many other authentic copies and beautiful adaptations of rare fabrics from museums or private collections are to be found at F. Schumacher & Co., side by side with original designs by the best of modern artists.

Linens, damasks, brocades, velvets, tapes-tries—fabrics for every decorative purpose, distinctive in design, superb in quality.

*"Fabrics—the Key  
to Successful Decoration"*

This helpful booklet will be sent to you, without charge, upon request. It is planned to help the woman who wishes her home to be successfully decorated, but has not the time or the inclination to make a deep study of Interior Decoration.

F. Schumacher & Co., Dept. E-3, 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the Trade only of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, Detroit.

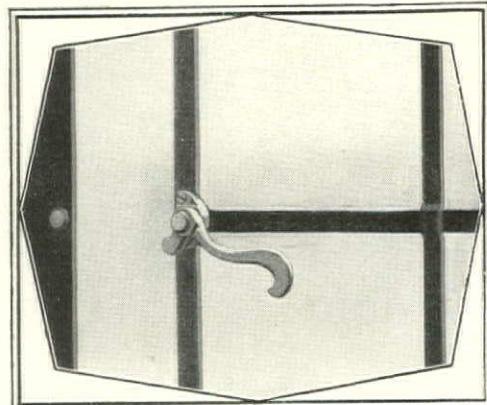


IN XVII CENTURY ENGLAND gentlewomen took pride in their beautiful crewel work—striking embroidery—in bright twisted yarns.

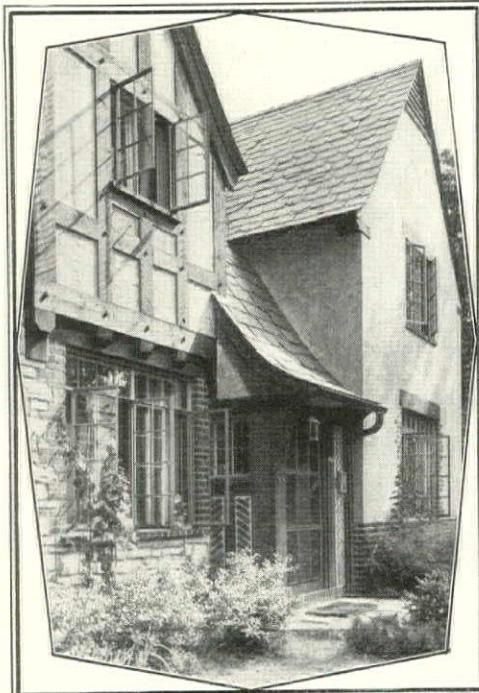
*This splendid adaptation of an old embroidery is worked in brilliant yarns on a background of wool tapestry.*

**F· SCHUMACHER· & CO**

## LUPTON CASEMENT WINDOWS



All of the handles are of clear-cut design, congenial to the hand, and of the right length for comfortable leverage.



The home of Mr. E. H. Younglove, Glencoe, Illinois, showing how the graceful lines of Lupton Casements add to the appearance of the house. Architect, Mr. Rudolph Nedved. Contractors, Murray and Sinclair.

An interior of Mr. Younglove's home. Lupton Casements enhance the effect of gay chintz and the friendly atmosphere of the room.

## THE CHARM OF A HOME IS EXPRESSED IN ITS WINDOWS

SUNSHINE and dappling shadows. A glowing garden border, and then the house, standing cool and clear-eyed on its velvet carpet. Its many casement windows—trim, modishly slender, architecturally perfect—set open like little sails, capture the vagrant breeze and lead it indoors to wander through quiet rooms.

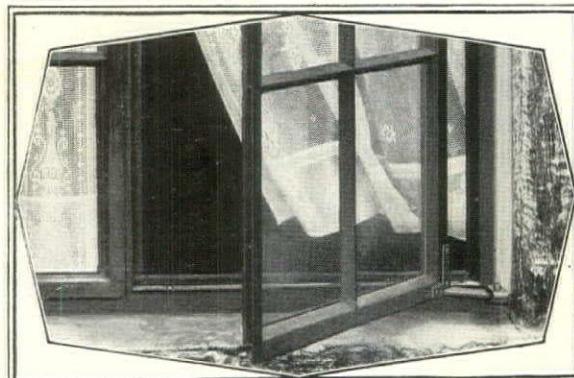
It is winter. A crisp moon rides high in the heavens. From the black bulk of walls, the casements gleam with merry firelight and softly shaded lamps. In vain the sleety wind hurls itself against their snug security.

Lupton Residence Steel Casements represent the highest development of

the home window. They embody the most modern appointments. Cross-pieces, dividing the panes, are slender and graceful, and in perfect harmony with modern decoration. A double contact of sash and

frame shuts out wind and rain and saves weather stripping. When opened, Lupton Casements can be cleaned, from within, on both sides. They permit any choice of screens and draperies.

We have prepared an interesting booklet, "How Windows Can Make Better Homes," which shows the application of steel casements to the modern house, at a cost in line with the average building budget. A copy will be sent to you free on request. DAVID LUPTON'S SONS CO., 2253 E. Allegheny Avenue, Philadelphia.



At left. A close view of a Lupton Casement illustrating how windows can be set at any angle to catch the prevailing breeze.

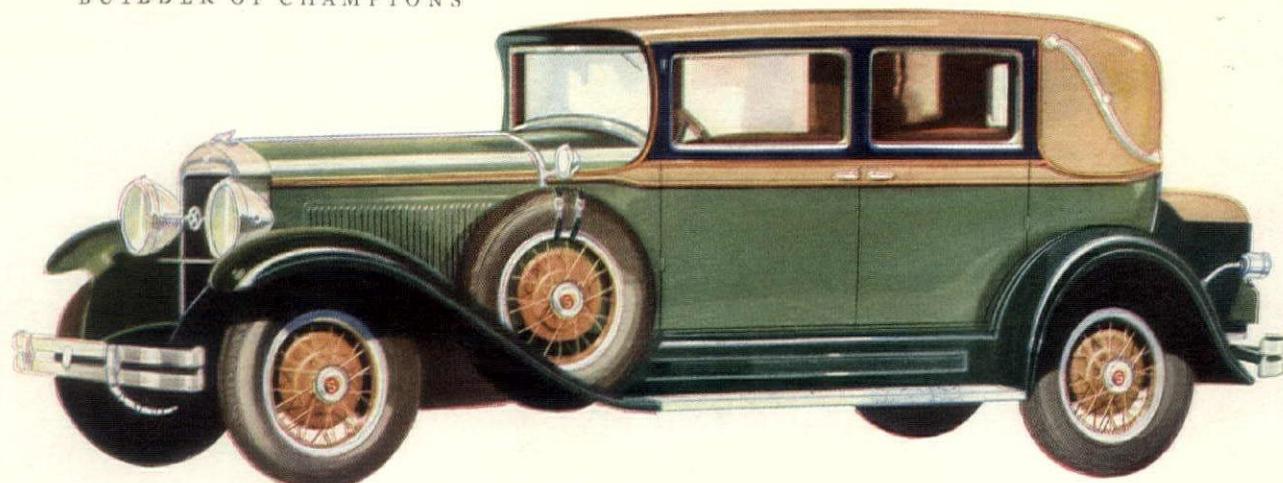
RECEPTION TO THE  
DIPLOMATIC CORPS  
AT THE WHITE HOUSE

*I*N the press of fine cars at diplomatic and state functions in the nation's capital, motor cars by Studebaker are rightfully high in favor. . . . These great new Studebaker eights and sixes hold every official stock car record for speed and endurance. And the qualities that make such performance possible are splendidly interpreted in body designs of striking beauty. There is fleetness and eagerness and untiring endurance in each low-swung line and fluent curve. There is vigor and spirit and keen-tuned harmony in each delightfully new color scheme. . . . There is a revelation awaiting you in your first scrutiny of what Studebaker's unique One-Profit manufacture has wrought. . . . The car illustrated is the President Straight Eight Brougham for five.



*Studebaker*

BUILDER OF CHAMPIONS



# THE VITAL BREATH OF COLOR



*Painted for Mohawk  
by Willy Pogany*

Vertical bars denote  
the pleasing propor-  
tions of color in the  
rug illustrated.

THERE is a charming legend which relates how, when Time was young, Aeolus, god of winds, blew upon the rainbow and colored all the world. Just so the skilful colorists of Mohawk take the wools destined for Mohawk looms and with their brilliant dyes work their tonal wonders, preparing a breath of living color for your home.

The latest Mohawk shades are at your dealer's—colors restrained or riotous, as your taste prefers, but all in perfect balance, like the lovely patterns they animate. You'll find among the many weaves the very rug your room requires—for beauty, cheer and lasting comfort. . . . Pay what you will, your rug can always be "a Mohawk."



You will enjoy reading the new illustrated Mohawk Course in Home Decoration, by Agnes Heisler Barton. Ten cents in stamps will bring your set at once. Address: MOHAWK CARPET MILLS, Amsterdam, N. Y.

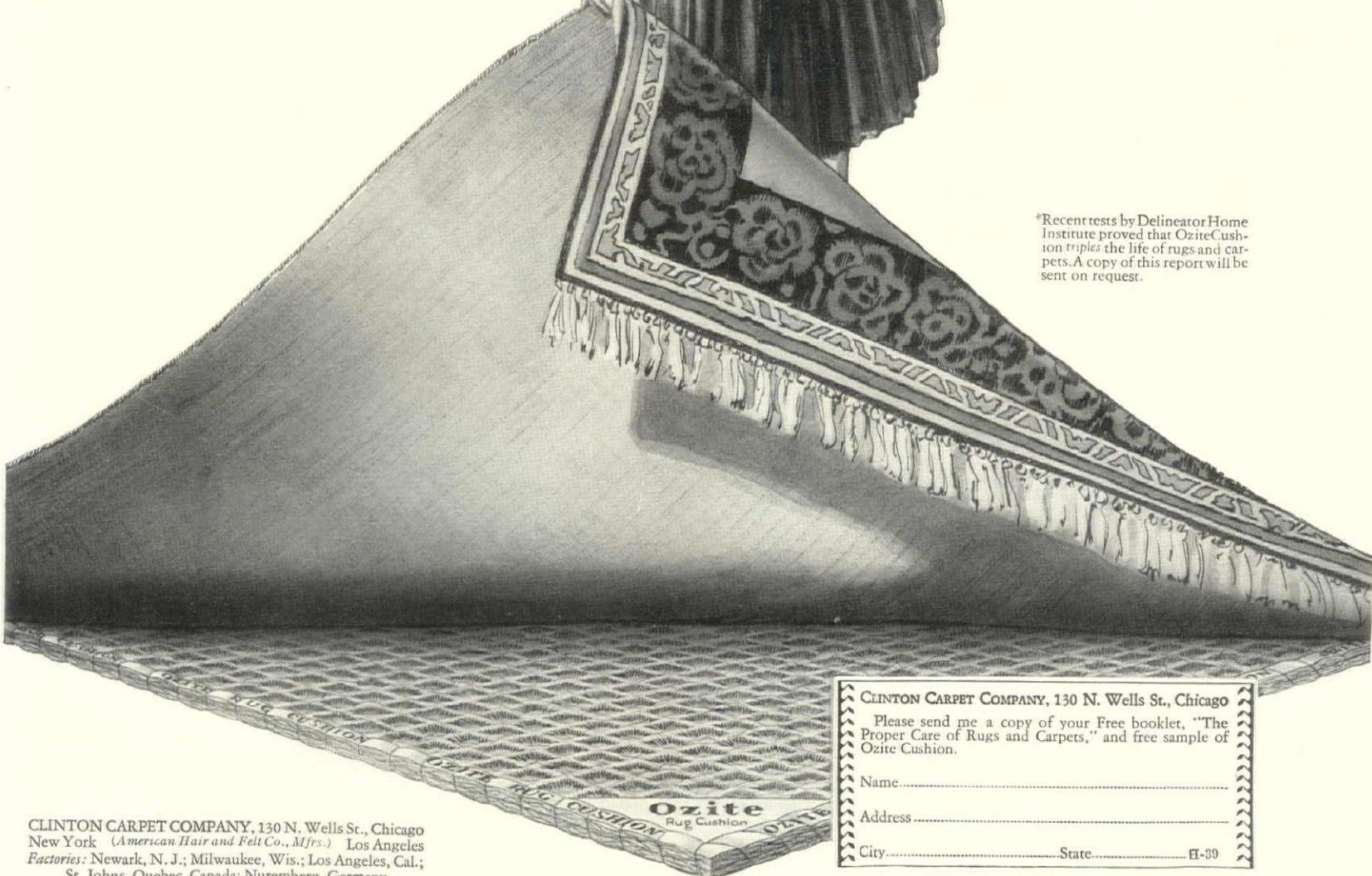
## MOHAWK RUGS & CARPETS

THE PATTERN SHOWN IS KARONA SEAMLESS WORSTED WILTON—NO. 515C

# Ozite Rug Cushion

Every rug worth laying is worth the added comfort and economy of an Ozite Rug Cushion! Ozite will double\* the life of the rug . . . and more than double your enjoyment of it. This remarkable cushion is so soft, so yielding, so springy that it makes every rug feel rich and deep-piled as an oriental. Ozite gives old rugs renewed life . . . makes inexpensive rugs seem worth twice their cost . . . and is used by connoisseurs to protect their finest rugs from wear. Indeed, Ozite enhances the comfort of your entire home, making it quieter, richer, more restful. Its cost (so soon repaid!) is so low that you can use Ozite under every rug and carpet in your home.

What is Ozite? . . . A soft cushion of sterilized, "ozonized" animal hair, like a thin hair mattress. It is sold and recommended by furniture, rug and department stores . . . and interior decorators . . . in every locality. Over 20,000,000 square yards of Ozite are in use today . . . millions of yards are sold each year! Ozite is made by patented processes . . . permanently mothproofed . . . lastingly resilient. It will never wear out. Requires no fastening . . . just roll your rug above it. Be sure you get the original Ozite. It is unconditionally guaranteed to satisfy!



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New York (American Hair and Felt Co., Mfrs.) Los Angeles  
Factories: Newark, N.J.; Milwaukee, Wis.; Los Angeles, Cal.;  
St. Johns, Quebec, Canada; Nuremberg, Germany

CLINTON CARPET COMPANY, 130 N. Wells St., Chicago	
Please send me a copy of your Free booklet, "The Proper Care of Rugs and Carpets," and free sample of Ozite Cushion.	
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Address.....	
City.....	State.....
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**EVERY RUG NEEDS AND DESERVES AN OZITE CUSHION**



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PRESS the starter button on your Chris-Craft and a wondrous panorama of outdoor pleasure will unfold.

With a Chris-Craft the business man can get his needed outdoor recreation while he has capacity to enjoy it—can give his family the clean outdoor thrills and pleasures that build both health and character.

Regattas—camping, fishing and picnic excursions—swimming and aquaplaning parties—social events—business trips—all assume new meaning with a Chris-Craft at your hand. Every leisure hour becomes a golden opportunity for recreation and sport.

East, west, north and south—in every boating community in the United States and in foreign countries—there is now being exhibited the most outstanding fleet of Chris-Craft motor boats ever created.

Thousands of families, many of whom have never owned a boat before, are planning now for a Chris-Craft year—a year of freedom—of joy—of health—of clean, wholesome sport for the young folks.

See your Chris-Craft merchant today. Let him show the actual boats—help you select the model best suited to your needs. There are eighteen of them—runabouts, sedans, commuters, cruisers—including one that will suit your purpose and purse.

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183 Detroit Road, Algonac, Michigan  
New York Factory Branch:  
153 West 31st Street, at 7th Avenue

# Chris-Craft

*World's Largest Builders of All-Mahogany Motor Boats*



18 models

Runabouts • Sedans  
Commuters • Cruisers

22 to 38 feet

30 to 45 Miles an Hour

82 to 225 Horsepower

8 to 26 Passengers

\$2235 to \$15,000

Excellent example of German 19th Century Berlin vase with handles and cover. Pâte-sur-Pâte panels, painted decoration



## PAΤE-SUR-PAΤE POTTERY

(Continued from page 158)

nearly all pieces of even the finest pâte-sur-pâte porcelain, those of the 19th Century, usually leave us a bit cold at first. Then we come to develop a greater appreciation of its worth through understanding just what it is.

Pâte-sur-pâte is a sort of ceramic production whose name is derived from its peculiar method of decoration—"paste (*pâte*) on paste." The decoration has somewhat the effect of Wedgwood's cameo jasper ware, but it is highly glazed, infinitely more delicate and exhibits more subtlety in the modeling of the decoration. Upon grounds of one of two shades each of grey or green, or on a ground either of dark or of medium light brown, the design is carefully applied, a white paste being employed, thinly laid on in successive layers which process builds up the modeling of the design. This thin paste is applied with a brush, and numerous coatings are required to bring those parts that are in higher relief to the desired thickness. The decoration as it thus stands is somewhat rough and requires careful trimming, modeling and correcting, especially for obtaining rounded surfaces, such as the artist desires in figure work. This has to be accomplished with a sharp cutting tool and requires great judgment and skill. The relief decoration having been formed, the

piece is placed in the kiln for a first firing. This is done to weld together the body (*pâte*) and the superimposed *pâte* of the decoration. The firing brings the piece to a proper hardness to permit its being dipped in the glaze, after which it is withdrawn and given a final firing. This final firing is, of course, the crux of the operation. More often than not the firing is unsuccessful, and all the work that artist-craftsman has lavished upon it with such care unhappily comes to naught. In the first firing, so anxiously attended in consequence of this uncertainty, the white paste of the decoration requires that precise degree of heat which will fuse the paste to just such an extent as will insure only its thicker portions remaining white, the thinner portions, (draperies and the like), permitting the grey, green or brown ground to be seen somewhat faintly through the translucent or transparent glazing. This gives peculiar delicacy to the relief, a beauty quite its own and one not to be arrived at or imitated in any other manner. One would not, for a moment, confuse it with the sharp and clearly defined decoration so characteristic of a Wedgwood piece.

The pieces here illustrated by courtesy of the Pennsylvania Museum, the

(Continued on page 164)



(Left) Chinese vase, Ch'ing Dynasty. (Right)  
17th Century Chinese Ming-Ch'ing vase. Two  
examples of Chinese Pâte-sur-Pâte decoration.  
Courtesy Boston Museum of Fine Arts

# Winter . . . Is Ruthless to Your Beauty

Bitter winds that rob the skin of its precious oils and mercilessly etch in crow's-feet, wrinkles . . . biting cold that casts the face in a mold of weariness, dullness, *age* . . .

"Science alone can keep your youth, your beauty safe from the ravages of winter!" warns HELENA RUBINSTEIN. And you who are beauty-wise will heed the warning, for it comes to you from a master chemist and dermatologist—from one who has awakened the beauty consciousness of millions of women all over the world.

For you has Helena Rubinstein created her amazing beauty-builders and protectors of beauty . . . unique washes and cleansing creams that work down beneath the skin's surface, swiftly rendering every pore immaculate . . . unguents that restore to ageing, weathered skin its youth essences . . . animating lotions that are veritable elixirs of beauty!

Build your beauty from day to day . . . make it immune to Climate, to Time itself, with these marvelous creations whose work begins where nature's ceases!

#### For Cleansing Use

Water Lily Cleansing Cream, which contains youth-renewing essences of water lily buds. It leaves the skin immaculate and youthified. 2.50, 4.00

#### Revivify Skin and Eyes

Apply Valaze Extrait, a gently instantly effective rejuvenating lotion. Lifts the tired look from face and eyes . . . a benediction to all skins. 2.50, 5.00

#### Clear, Animate, Bleach

With Valaze Beautifying Skinfood, Helena Rubinstein's skin-clearing masterpiece. A purifier and refiner which gives the skin an exquisite transparency. Should be part of the daily regimen all year round. 1.00, 2.50, 4.00

#### To Correct "Shiny Nose"

Valaze Liquidine—removes oiliness and "shine" instantly, imparting a most flattering finish. Indispensable to exquisite grooming. 1.50

#### Wash Away Blackheads

—correct oiliness and tighten the pores with Valaze Beauty Grains. A most unusual creation for quickly and efficiently normalizing coarsened, cloudy and greasy skin. Used instead of soap. 1.00, 2.00

#### Crow's-Feet, Lines, Wrinkles

Nourish the skin daily with the rich rebuilding Valaze Grecian Anti-wrinkle Cream (Anthosoros), a remarkable corrective and preventive of dryness, lines, wrinkles, hollows. 1.75, 3.50, 6.00

#### New! Youth for Tired Eyes!

Valaze Youthifying Eye Cream—a most remarkable creation designed to keep the eyelids firm, waxen-smooth. Restores youth to lined, shrunken eyes. 1.25, 4.00

#### Drooping Chin—Baggy Eyes

—require the permanently bracing tightening Valaze Georgine Lactee. A truly wonderful preparation vital to flabby, sagging contours. 3.00, 6.00

#### For Smart Make-Up

Water Lily Foundation—makes powder and rouge doubly adherent, doubly flattering. 2.00



#### Visit The Helena Rubinstein Salons

for treatments that are the last word in the scientific care of the skin, the contour, hands, eyes and hair. Here too you will receive sound guidance on home-treatment and the art of make-up. And it is more than ever essential that you receive this expert advice now, at this trying season of the year.

#### Personality Make-up

Helena Rubinstein has created for your special type of beauty the most enchanting powders, the most ravishing rouges and lipsticks, the most seductive eye make-up in all the world . . . accent your beauty with these inimitable cosmetics! 1.00 to 5.50.

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*Helena Rubinstein Creations are obtainable at better stores or may be ordered direct.*

★★ *Alluring indeed is this NEW design.*



You can make your solarium one of the smartest, most attractive, and most comfortable rooms in your home by introducing this distinctly new type of furniture. Built from selected stick reed over a natural rattan frame, with high lights shaded to give variation in coloring—bows wound in French Enamelled Cane in alternating colors—upholstered in fine English linen—truly a suite of exceptional individuality and charm.

For forty-three years Sons-Cunningham have been originators—never imitators; design, style, finish, and quality has ever been the hall mark of their furniture.

You are cordially invited to visit their showrooms, where a most representative display, in a wide range of designs and color schemes, is available for your selection. Purchases may be made through your dealer or decorator.

A portfolio of colored prints and other illustrations will be mailed upon receipt of twenty cents.



Design No. 6823

# Sons - Cunningham Reed & Rattan Co., Inc.

ESTABLISHED 1886

383 MADISON AVENUE • NEW YORK  
at 46th Street



Chinese celadon porcelain bottle in green decorated with white prunus branches. 18th Century Pâte-sur-pâte porcelain

## PÂTE-SUR-PÂTE POTTERY

(Continued from page 162)

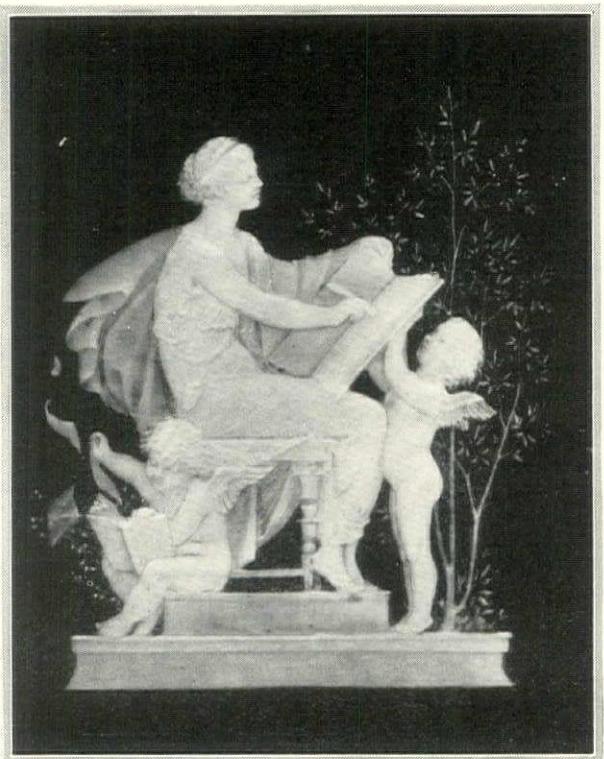
British Museum, and the Metropolitan Museum of Art, and the Seventeenth Century Chinese and Eighteenth Century Japanese pieces (much simpler and elementary in type), here illustrated by courtesy of the Boston Museum of Fine Arts, present some suggestion of this difference between pâte-sur-pâte porcelain and the Wedgwood cameo relief decoration of Wedgwood jasper ware. But even our American museums have few examples of pâte-sur-pâte from European potteries. While there are a number of fine pieces in the collections of the Pennsylvania Museum, Fairmount Park, Philadelphia, I know of but one, at the moment of writing, in the collections of the Metropolitan Museum of Art. Fine pieces of pâte-sur-pâte are certainly rare enough, but at present it would seem, fortunately for the collector, that these linger in the more important antique shops rather than find sanctuary in our museums. And I may here suggest that the collector is not at all likely

to come upon pâte-sur-pâte imitations. The exacting process of making this decorated porcelain does not invite attempts at the spurious.

The ancient Chinese experiments in applying slip decoration, and forming and shaping such with a cutting tool, developed into what may be called a pâte-sur-pâte decoration, although it never reached anything like the beauty and delicacy of the later European work, which is generally suggested by the term. The old Ming wares, with their brown or old-gold grounds decorated with color under-glaze relief, found a quite primitive variety of pâte-sur-pâte decoration.

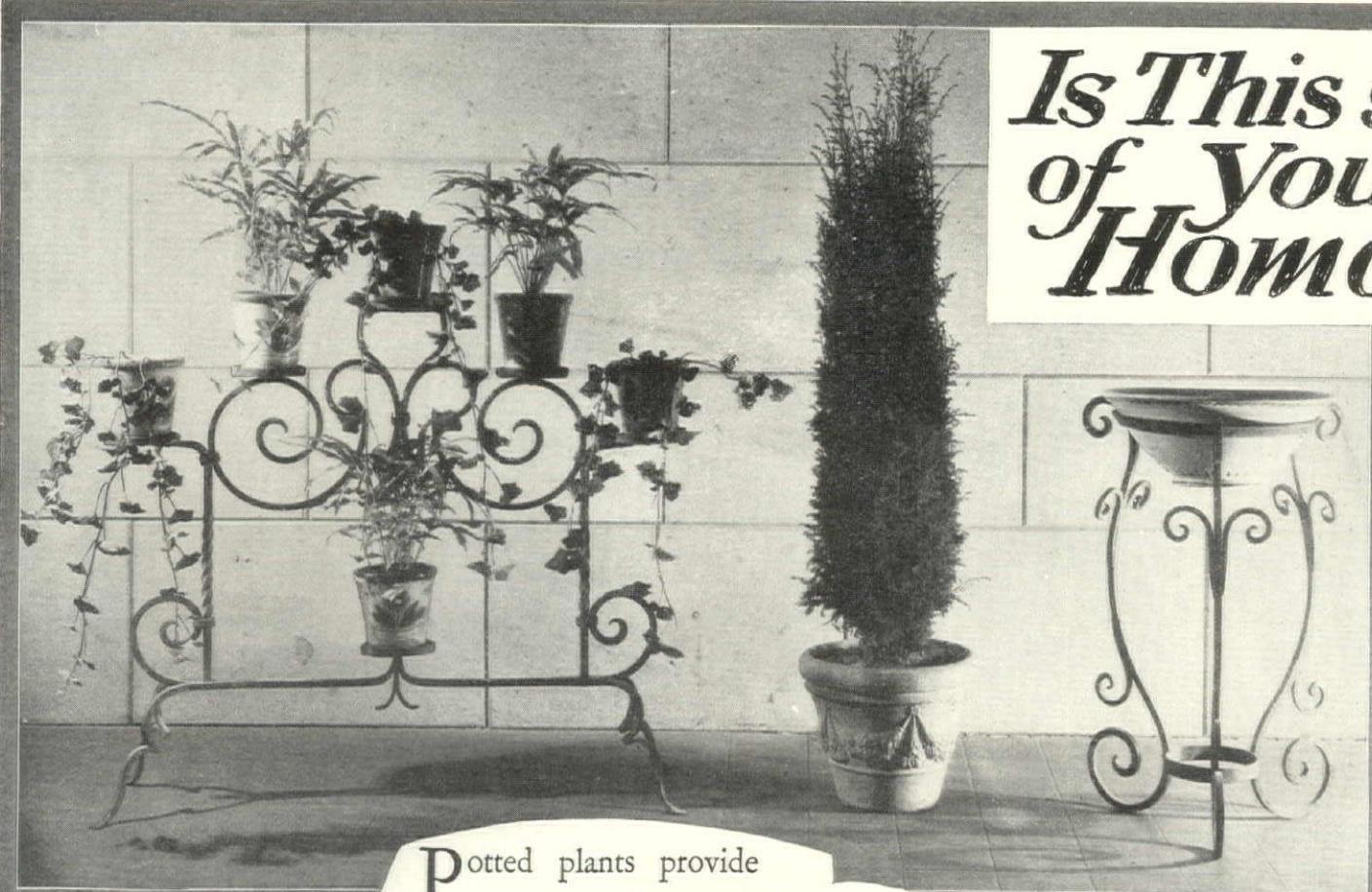
M. Robert, at the head of the decoration department at Sévres, appears to have been one of the first, if not the first to experiment with pâte-sur-pâte in porcelain decoration. He may have been inspired by the study of some Oriental piece. This was in the mid-19th Century. During the early experiments made with pâte-sur-pâte

(Continued on page 166)

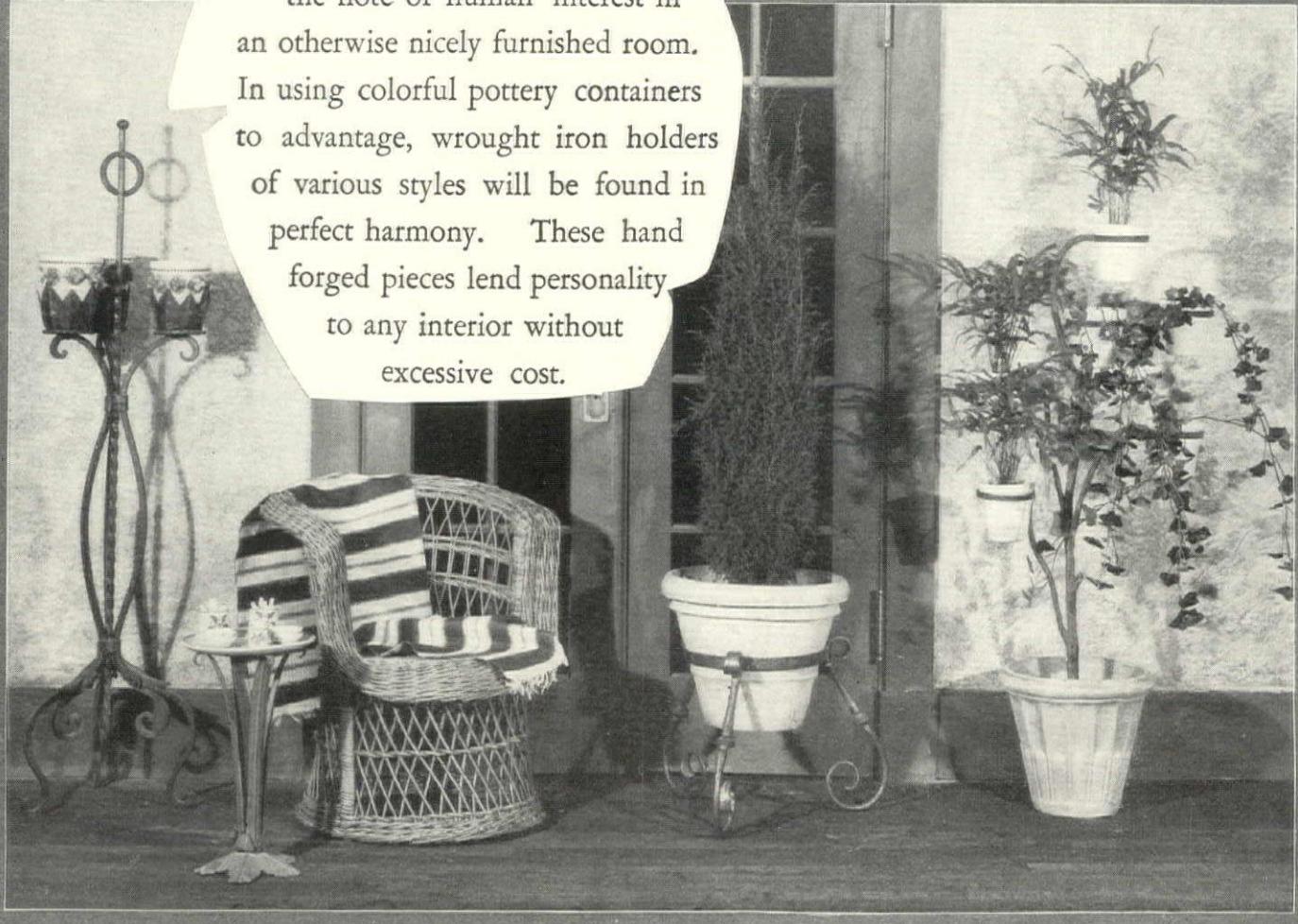


Pâte-sur-Pâte plaque of Minton porcelain executed by Solon. In olive-green and white, 19th Century. Courtesy the British Museum

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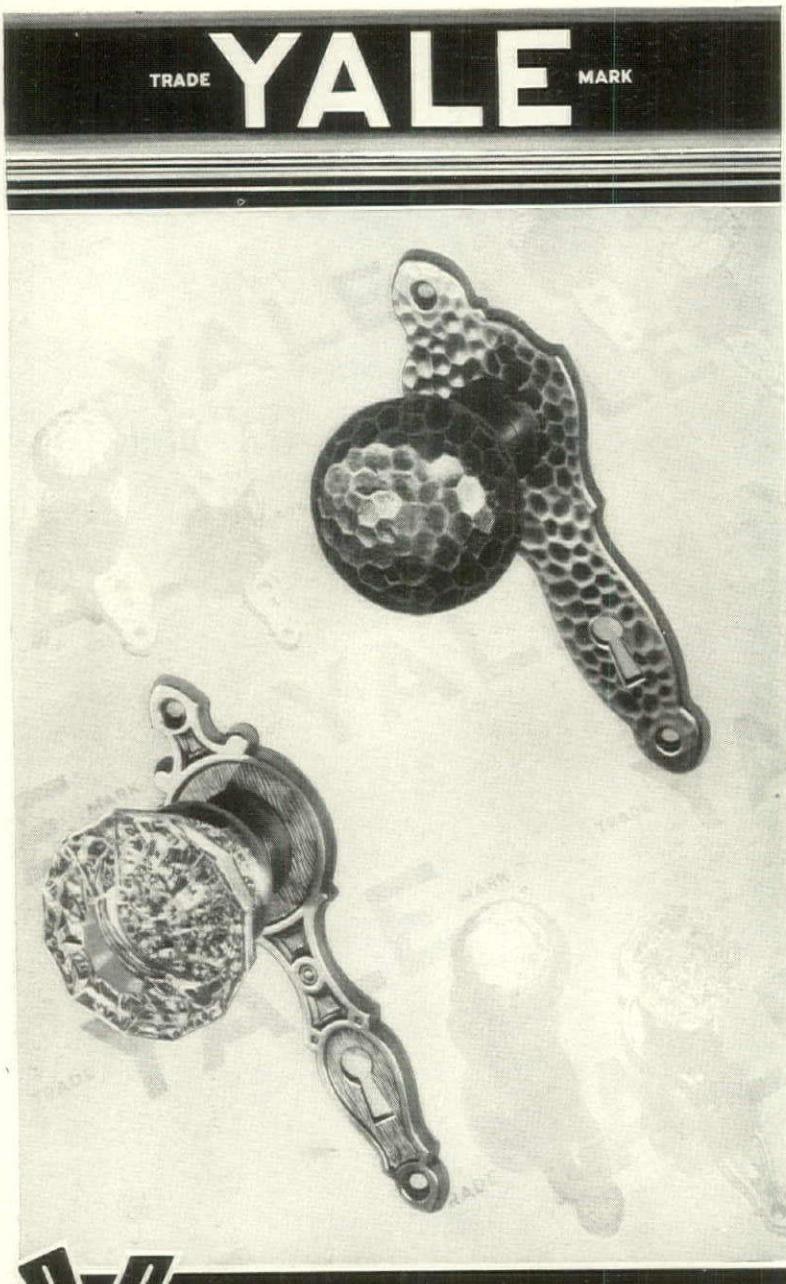
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*Ewer and plateau done in Pâte-sur-Pâte. The body glazes are blue, ornament in gilt and enamels decorate both. Late 19th Century pieces*

## **PÂTE-SUR-PÂTE POTTERY**

(Continued from page 164)

at Sèvres, M. Regnault, the Director, was attracted by the work of a young artist, Marc Louis Solon, and invited him to Sèvres as a decorator. Solon was born at Montauban in 1835. He studied in the Atelier Lecoq. Developing a taste for etching and porcelain decoration, he produced various essays under the brush-name of Miles, selecting his own initials and joining them by vowels to form a good English name. In his student days Solon had been drawn less towards painting than towards the decorative arts. As he himself wrote, he felt drawn by natural disposition in this direction: "I was found," said he, "more often studying Greek vases and terra-cottas than pictures, and the Cluny Museum had to me as great an attraction as the Louvre."

Almost immediately after coming to Sèvres, Solon was selected by the discerning Regnault as one whose natural abilities might be particularly adapted to experiments in pâte-sur-pâte. Writing some thirty years ago of his art (*Magazine of Art*) Solon said: "Nothing could have pleased me more than to be asked to execute some figure subjects in these delicate and transparent reliefs. All facilities were afforded to the artists for the execution of their work; we were never limited to time or cost, and I may say that it was only from that moment that I began in earnest my art studies, as applied to decoration."

M. Solon's work in pâte-sur-pâte was first shown at the exhibition of the *Union Centrale des Arts appliqués à l'Industrie, Paris*—a series of plaques. Two years later a large pâte-sur-pâte vase by Solon was exhibited by the Sèvres manufactory at the International Exhibition, a work which was considered a triumph, both technically and artistically, in ceramic art, and one which brought fame to the artist. Unfortunately for Sèvres the outbreak of the Franco-Prussian War led Solon to seek employment in England. The invading army had driven the inhabitants of Sèvres out of their homes, and physical disability made it impossible for Solon to take active part in the defence of his native country. Therefore he crossed the Channel, hoping to find shelter and work with English potters.

Reaching Stoke-on-Trent, Solon was welcomed by the head of the Minton manufactory there, who gave him congenial occupation. This was fortunate, for those first months of Solon's exile in a strange country were filled with loneliness and sorrow as with aching heart he reflected upon the turn of events in France.

At Minton's Solon produced some remarkable work. There he was permitted to experiment with the pâte-sur-pâte decoration, and encouraged at every turn. This brought him comfort and happiness. When work of this genre was resumed by the artists of the Sèvres works, the term, pâte-sur-pâte was replaced by a newer one,—pâte rapporté, and again by pâte d'application and other ones. However, at the Minton works pâte-sur-pâte continued to be the term employed for this sort of porcelain. In describing his own work in the article quoted above, Solon said: "The Wedgwood jasper ware, for instance, although offering likewise white reliefs on coloured grounds, is . . . produced by mechanical means. Each part of a given model is pressed separately in a plaster mould, and subsequently stuck on the even surface of the piece to be decorated. It may be multiplied to an unlimited number of copies; a careful workman is equal to the task. Pâte sur Pâte' bas-relief, on the contrary, is always an original; a repetition of it could only be made by the artist who has executed the first one. In the Limoges enamels, sometimes mentioned as presenting some analogy, the difference is still better marked, for in this case effect is not obtained by gradation of reliefs, but rather of lights and shades. The dark tint of the ground is taken advantage of to form the shadows, and the white enamel comes into play, just as white chalk intervenes in an effective drawing on tinted paper." As Solon pointed out, pâte-sur-pâte decoration may be executed upon any semi-vitrifiable body; but the material used for the relief decoration must invariably be of the same nature as the body of

(Continued on page 172)



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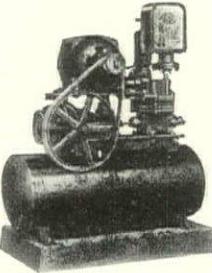
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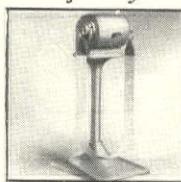
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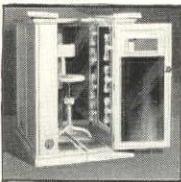
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### THE DEMI-VIRGIN

Four parts Holloway's London Dry, one part Nuyens' Grenadine, juice of one lime for each individual drink, a few drops DeKuyper's Orange Bitters, shake well with cracked ice.



### CLOVER LEAF COCKTAIL

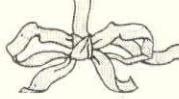
Four parts Holloway's London Dry, one part Nuyens' Grenadine, juice of an egg, juice of one lime to each two drinks, sprig of mint leaf on top, shake well with cracked ice.



THESE blue-ribbon recipes are very popular. A little ingenuity can produce extraordinary restoration. "Cordial Cocktail Confidences" (our book of famous recipes) may be had for the asking. The bottled goods below will help you in your quest for "Congeniality."

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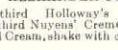
### "Jin" FIZZ

One drink Holloway's London Dry, two teaspoons powdered sugar, juice of  $\frac{1}{2}$  lemon, shake well with ice and serve. Sparkling water may be added as desired.



### ALEXANDER COCKTAIL

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**to KEEP** An indispensable reserve food supply among your emergency shelf goods.

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**to SERVE** Slices from end to end—no bone, no skin, no waste of any kind—all ham.

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CRÈME DE MENTHE green \$1.25 ea. 17 oz. bot. 3 for \$3.50 CEDERLUND'S CALORIC \$2.00 ea. NUYENS' APRICOTELLE \$2.00  
ea. 26 oz. (bacardi flavour) 3 for \$5.50 ea. 23 oz. bot. 3 for \$5.50

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Make up your own combination order if our suggestions do not meet your requirements.

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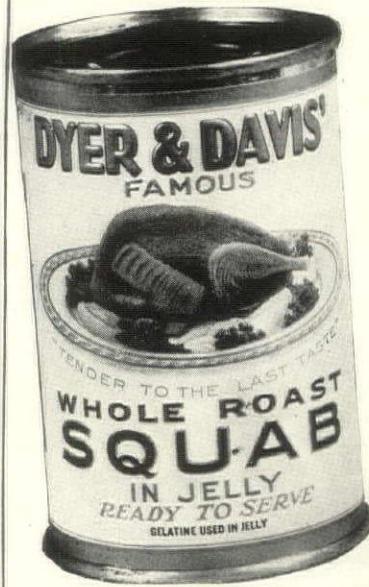
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Assorted Fruits  
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**mix  
grandeur  
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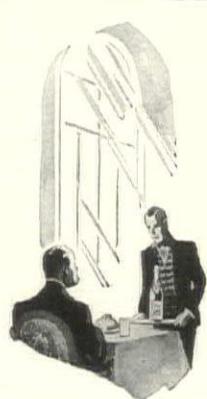
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Jones Dairy Farm Sausage... Choice cuts of young pork, pure spices, nothing else... Shipped fresh daily.

Jones Dairy Farm Hams and Bacon... Mildly cured and leisurely smoked with real hickory logs.

If your neighborhood dealer does not supply you write us. We solicit direct inquiries.

**JONES DAIRY FARM**  
FORT ATKINSON, WIS.



## WINE JELLIES



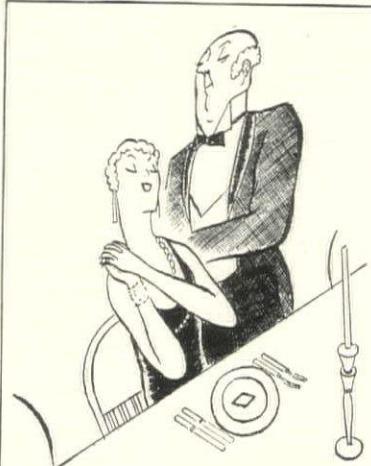
— to intrigue the palates of discriminating bon vivants

Never have you tasted such delicious jellies. Full flavored with the rare and enticing mellowness of a famous old vintage. In five captivating flavors made from Burgundy, Sherry, Sauterne Muscatel, or Port wine with fruit pectin. Delicious with the meat course or as a confiserie. Four 8 oz. jars packed in a handsome redwood box sent anywhere, postpaid, \$2.50.

If your dealer cannot supply you, write to Department 706

**Italian Vineyard Co.**

(Operating the largest vineyard in the world. Established 1883)  
1248 PALMETTO ST.  
LOS ANGELES, CALIF.  
giving name and address of your dealer.  
(Permit No. L.A. Cal. H. 10033)



triumph  
à la split second

From a gay tin come Caviarettes, diamond-shape "raised edge" biscuit-crisps for serving "appetizing bites" — caviar, and also pâté, meat tidbits, hors d'oeuvres. Neutral flavored.

Fie on fussy preparation!

## CAVIARETTE

Reg. U.S. Pat. Off.

At most high grade shops. If you do not locate Caviarettes, send dealer's name and 90 cents to House & Garden, Greenwich, Conn., and a sealed tin of 36 Caviarettes will be shipped to you postpaid; three tins \$2.25. The hit of the season.

Meyer & Lange, 434 Greenwich St., New York City  
"Au Gourmet" Caviar "Grand Duke" Caviar

## From far-away Formosa

southernmost Isle of the Flowery Kingdom, comes tea famous for rare fragrance and delicate flavor—

### FORMOSA OOLONG TEA

Grown on sunny mountain slopes in a semi-tropical Paradise.

DAINTIEST OF TEAS



## Attractive Kitchens

Residence of Benjamin I. Ward at Englewood, N. J. Lewis Bowman, architect. Showing corner of the bright, well-arranged kitchen, efficiently equipped with White House Units.



Well-known homes the country over have kitchens completely equipped with White House Units. The cost is only a trifle more than that of old-fashioned wood installations—and the saving on replacement makes the White House kitchen an exceedingly profitable investment.

**White House Units**—made entirely of Steel—are fire resisting, moisture proof and germ proof. Three coats of baked enamel make them sanitary and easy to keep spotlessly clean. Any space may be filled simply by combining standard units.

## Cupboards and Pantries

White House pantry in the residence of J. V. Heyniger at Corning, N. Y. Howard L. Greenley, architect.



Electric plate warmers, silver and linen drawers, tray and plate racks, cup hooks and Monel Metal pantry sinks are included in White House installations. Furnished in white or color.

*The*  
**WHITE HOUSE**  
TRADE MARK  
*line*  
*made of Steel!*

JANES & KIRTLAND, INC.

Established 1840

101 Park Avenue New York City

## PÂTE-SUR-PÂTE POTTERY

(Continued from page 166)

the piece. The fineness of the material permits it to receive a very high polish, which enhances the cameo-like beauty of pâte-sur-pâte porcelain.

While I have spoken of "bas-relief," and have quoted the term in Solon's words, this pâte-sur-pâte relief is, in fact, only slightly raised above the ground. It cannot take on the shadows of a higher relief, nor can it derive its relief effects after the manner of a Limoges enamel. The effects peculiar to itself depend on the manipulation of the slip, with fusibility in mind, and also with bearing in mind the action of the addition of the thick overglaze. It may easily be seen that

the process presents great difficulties and requires both art and a high degree of technical skill. Indeed, although porcelain manufactories in various countries have been successful with pâte-sur-pâte, the expense attending its production has always been too great, and must always be so to permit its competing with other fine porcelain pieces which more immediately, perhaps, attract the eye of buyers. Still, the collector will at once recognize the importance of such pieces in the history of ceramics, and to him a piece of pâte-sur-pâte signed, perchance, by Marc Louis Solon will be a treasure worth striving to obtain.

## JEWELS OF THE GARDEN

(Continued from page 86)

on the water. If you are unable to get the manure you may use about a peck of bone meal to each root, mixing it well into the soil. This is not as good as the manure but it will do.

After putting in the soil mixture and filling to a depth just one foot below the water line, you are ready to plant the Lily roots. They are simple to plant—just stick them in the ground and the job is done. After planting the roots you should cover the soil with an inch or two of clean sand to make it look well. Then fill with water, put in a half-dozen goldfish to eat the mosquito larvae, and you will not have any trouble with the water becoming stagnant.

You will find when you look over the catalogs of the Waterlily growers that there are two general classes, the hardy and the tender. None of them, though, will stand having their roots frozen. There are many varieties to select from and you will want to try the different ones from year to year. The hardy ones may be kept over winter in the ordinary cold cellar where they will not freeze; they should be kept slightly moist and about a month before it is time to plant them they may be brought out into the warmer part of the cellar where they will start growth. Each year they should be divided, as the roots are inclined to choke themselves and they will bloom better if the root mass is not too large.

The tender or tropical varieties are not so easily carried over the winter,

for they must be kept growing. If you can arrange with a local florist to take care of them for you that is the best way, but most people get new plants each year.

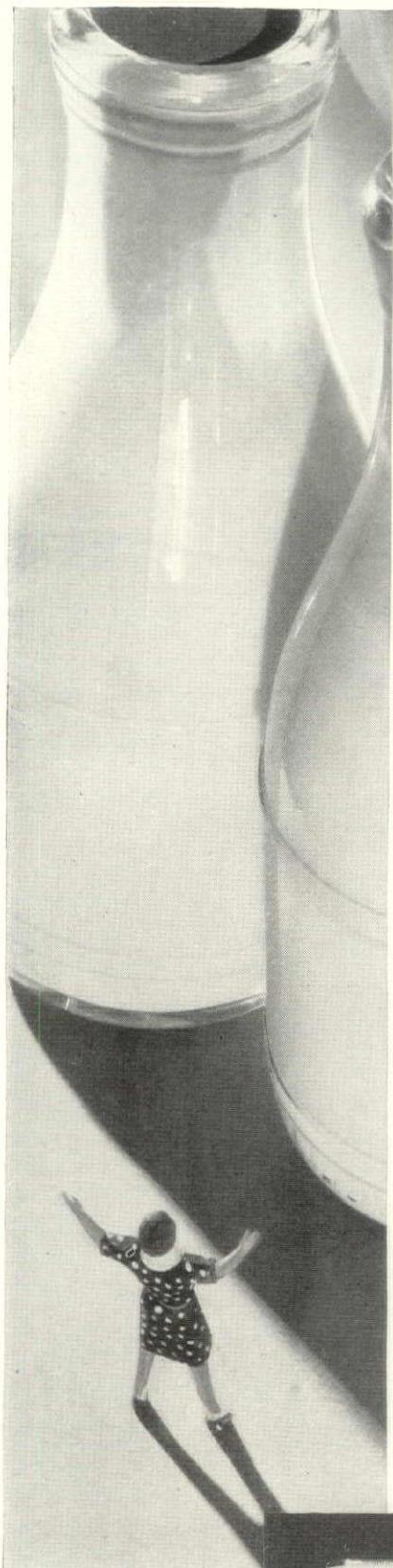
The care of the Lilies in the growing season is almost nothing. Keep the pool filled with water, and if the leaves become too thick pull them out. Some seasons you may be troubled with small insects eating the leaves but they may be washed off into the water by spraying with the hose and there the goldfish soon dispose of them.

One important thing is to consider the surroundings of the pool. The edges should be so concealed with rocks that the concrete may not be seen at all. This will take careful planning but you can do it and the effect will be so much better. There are many plants that are suitable for planting around and near the pool; whether you want tall or low growing things will depend on the location. Be careful not to over-plant. The beauty of the pool is in the bloom of the Lilies and the mirror surface of the water. A sheltered seat nearby where you may sit and watch the interesting life in and around the pool will add greatly to the enjoyment it provides.

There are many interesting things in a garden, but if you have a pool you will find that your friends and yourself will consider it the real point of interest. Again and again they will return to it. From midsummer till freezing weather it will be the focal point of interest in the whole garden.



# Coming-MILK for 365 tomorrows!



*Keep each day's supply  
fresher in a new refrig-  
erator . . . the Gibson*

*The heat that spoils milk can't get  
inside a Gibson—The walls are in-  
sulated with corkboard—recog-  
nized as the best insulation made.  
As you swing the doors shut they  
lock automatically and air-tight.  
Gibson's patented, one-piece, cast-  
aluminum trap keeps warm air  
from coming through the drain.  
Most efficient. Non-rusting. Un-  
breakable.*

*Sanitation is always assured in  
the Gibson—The seamless, all-  
porcelain interior with rounded  
corners is easy to clean. No place  
for dirt to hide. The flat metal  
shelves, exclusive to Gibson, never  
rust. You can slide small dishes  
across them without tipping their  
contents.*

*Manufacturers of electrical re-  
frigerating units approve the cork-  
board insulated Gibson—Many  
Gibson models come equipped for  
quick and easy installation of elec-  
trical appliances. See the new line  
of Gibsons built expressly for elec-  
trical or gas refrigeration units.  
A compartment at the base can be  
used to house your unit or as a  
storage place for vegetables.*

*All sizes, styles and prices—The  
Gibson is sold everywhere. Beau-  
tiful cabinets to choose from—  
dazzling white all-porcelain exter-  
iors, oak-finished ash cabinets and  
snow-white enameled all-steel re-  
frigerators. Priced to suit your  
purse. Send the coupon for a free  
copy of "It's Time to Get a Gib-  
son." Gibson Refrigerator Co.,  
Greenville, Mich.*

## Gibson REFRIGERATOR

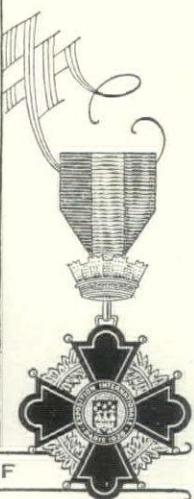
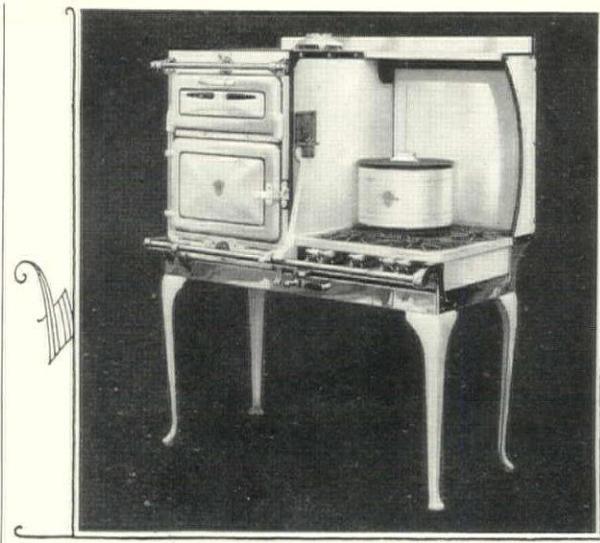
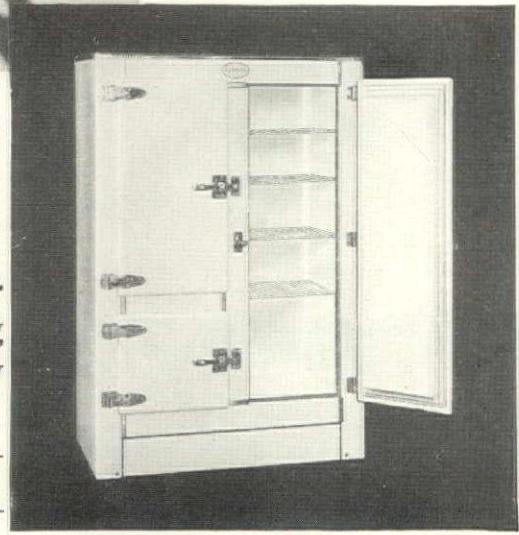
For as little as \$45 you can  
buy a fine Gibson—corkboard  
insulated and porcelain lined.  
Approved by "Good House-  
keeping," "Modern Priscilla,"  
and "Delineator." Other Gib-  
sons from \$20 to \$750.

GIBSON REFRIGERATOR CO.  
Greenville, Mich.

Please send me a free copy  
of "It's Time to Get a Gibson."  
Also tell me the nearest city  
where Gibsons are sold.

Name \_\_\_\_\_

Address \_\_\_\_\_



**GRAND PRIZE**  
An exclusive award to  
The Chambers Mfg. Co.,  
in competition with all  
ranges exhibited at In-  
ternational Exposition in  
Paris, 1928.

**"A perfectly logical and  
scientifically correct principle"**

. . . SAID DR. DE FOREST

THE operating principle and heavily in-  
sulated structure of a Chambers Gas  
Range provide certain definite and desirable re-  
sults. Under average conditions, gas bills are  
cut in two.

Then there is the notable convenience; also  
a considerable saving in the housewife's time  
since the cooking is almost automatic and re-  
quires no watching.

Set the Autostat and light the gas. The gas  
will shut off automatically. Cooking will con-  
tinue with the gas completely turned off.

Foods so cooked are never underdone nor  
scorched. The flavors and natural juices, as  
well as the health-building food elements, are  
retained.

The Chambers has been referred to as "the  
most luxurious, also the most economical, gas  
range in the world." It more than pays its way  
in savings and conveniences. Just as the proud  
scientist values his precise laboratory ap-  
paratus, so does the modern housewife value  
the Chambers.

There is but one authorized Chambers  
dealer in any city—usually the leading range  
store. This store can demonstrate our claims,  
or we will be pleased to mail you additional  
information and prices.

**The CHAMBERS MANUFACTURING CO.**  
603 Columbus Park      Shelbyville, Indiana

Originators of the insulated gas range, the  
Thermodome and the Autostat



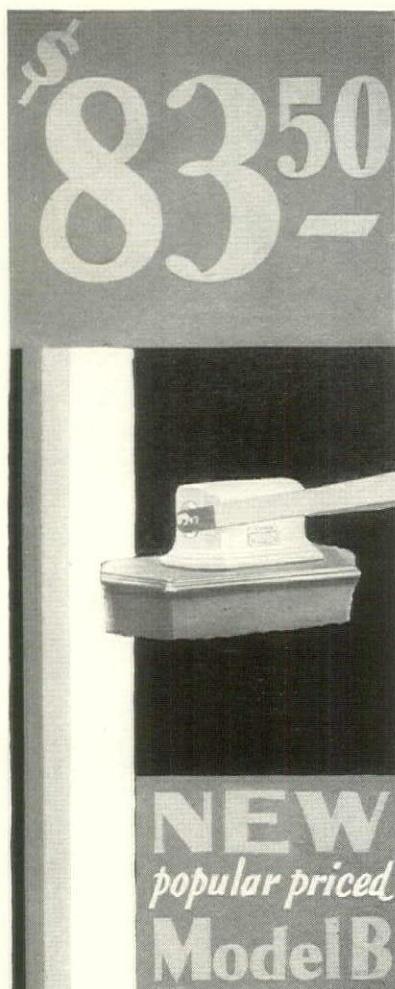
*Dr. L. de Forest, "the  
wizard of radio," who has  
had a Chambers Range in  
his home for many years,  
said this also:*

*"Now that the Chambers  
with its insulated oven  
and Thermodome has  
come into existence, the  
thought arises—why did  
we ever try to cook with  
a flimsy, shallow, uninsu-  
lated oven wall?"*

*The AUTOSTAT is set for  
each baking to automatically  
shut off the gas. Takes  
the guess out of cooking.  
Insures uniform success.*



# Chambers AUTOSTAT GAS RANGE



## SAVAGE HEALTH MOTOR EXERCISER AND REDUCER.

Patents applied for by J. G. DeRemer

NOW, in addition to the original Savage Model A health motor, the first portable exerciser and reducer, sold at \$122.50,\* Savage introduces the new popular Model B . . . a compact, sturdy, quiet running, good-looking brother of the Model A, priced at only \$83.50\*.

The new Savage can also be used on desk or table, or at small extra cost can be mounted on the Savage adjustable stand. It is finished in Baltimore Grey and nickel, is equipped with both wide and narrow oscillator belt and has variable stroke control for mild surface, or deep tissue massage and manipulation.

The best stores will demonstrate the Savage Line to you. If your favorite store can not do so, we will gladly give you the name of a nearby dealer. But by all means, write now for the interesting story of mechanical massage for exercising and reducing, and full details of Savage Health Motors for family and institutional use.

\*Prices given are East of the Mississippi



SAVAGE PRODUCTS DISTRIBUTING CORPORATION

Dept H., Utica, N.Y.

Subsidiary of Savage Arms Corporation

Makers of the famous Savage-Stevens Sporting Arms, the Savage Wringerless Washer and Savage All Electric Ironing Machine.

SAVAGE PRODUCTS DISTRIBUTING CORPORATION, Dept. H., Utica, N.Y.  
I am interested in keeping and looking fit. Send me your story, "The Spirit of Health."

Name.....

Street.....

City.....

State.....

## APPLE ORCHARD SUCCESS

MAURICE G. KAINS

WHEN choosing varieties for the home Apple orchard the first consideration should be the purpose for which each variety is to be grown. Therefore the primary choice should be among varieties best adapted to dessert, secondarily among those used for cooking, making pie, sauce, jelly, jam, etc. It should be borne in mind that certain varieties are outstandingly fitted for one special purpose; for instance, Tompkins King, though good to eat raw is the finest of all baking varieties; Rhode Island Greening is the *ne plus ultra* of pie makers; Gravenstein leads for making applesauce; the two Newtown Pippins are equally notable for cooking and dessert; whereas such fine-grained, delicate flavored sorts as Wagener, Primate, MacIntosh and Fameuse, while at the top of the list as dessert fruits, are worthless for cooking, though Fameuse is notable for its wonderful jelly.

Having recognized the special adaptations of varieties, the next points to consider should be the season of ripening and the duration of the fruit in prime condition under ordinary home methods of storing. Some varieties such as Early Joe and Early Strawberry, which ripen very early, are so perishable that as ordinarily handled they are unfit for food after having been gathered a week or two. Their season in most cases is also only two or three weeks. Others such as Yellow Newtown must be gathered long before they are ripe because frost will destroy them if they are left on the trees till ripe. They must be sorted for weeks and sometimes even months before they finally become soft enough to be eaten raw with any pleasure.

### FOR EARLY AUTUMN

Varieties that ripen during a long period, especially those classed as summer and early autumn kinds, are better adapted to home use than those which have only a short period of ripening, because a smaller number of trees will be needed to supply the family. Except for the reason next noted, therefore (as to duplicate trees) one tree each of two varieties in the summer and the early autumn groups should be enough for the ordinary sized home orchard—the half-acre area we are considering. Among the late autumn and early winter varieties, two trees each of three kinds or three trees each of two kinds—eighteen trees in all—should make an orchard capable of yielding sufficient fruit for the table of an ordinary sized family from late July until late May or even June of the following year, after the trees begin to bear well.

Among good sweet varieties are Sweet Bough, Golden Sweet, Sweet Winesap (or Henrick Sweet), Munson Sweet, Lady Sweet, Bailey Sweet and Tolman Sweet. If one is addicted to sweet Apples and has the space for all of these he may have an unbroken sweet succession from August until April.

Of the dessert varieties probably the best are Benoni, Primate, Chenango, St. Lawrence, Fall Pippin, Fameuse, Mother, Cox Orange, MacIntosh,

Sops-of-Wine, Red June, Porter, Early Strawberry, Williams Red and Wealthy. These should furnish fruit from late July until October or November. Later than that are Northern Spy, Hubbardston, Delicious, Sutton, Wagener, Spitzenburg, Golden Russet, Newtown, Tompkins King, Ribston Pippin, Roxbury and Pomme Grise.

Where one has space for planting cooking Apples the season from mid-summer until late spring may include Early Harvest, Yellow Transparent, Oldenburg, Maiden Blush, Gravenstein, Fall Pippin, Collamer (a red "sport" of Twenty Ounce), Yellow Belleflower, Tompkins King, Rhode Island Greening, Northern Spy, Baldwin, Winesap and Newtown. Some of these Apples are mentioned also in the dessert list. They are equally good for cooking and for dessert.

### CONCERNING DUPLICATES

A word as to what have been referred to as "duplicates". Everyone is familiar with the expressions "off years" and "full years", but except among fruit growers the reasons for these are not understood. The main cause of these phenomena is the peculiar way in which the blossoms and therefore the fruits are borne. In Apples and Pears there is an alternation of blossoms and branch buds. In these two species of fruits little twigs called fruit spurs are developed at a time when the trees reach certain ages, depending mainly upon the particular variety as discussed below.

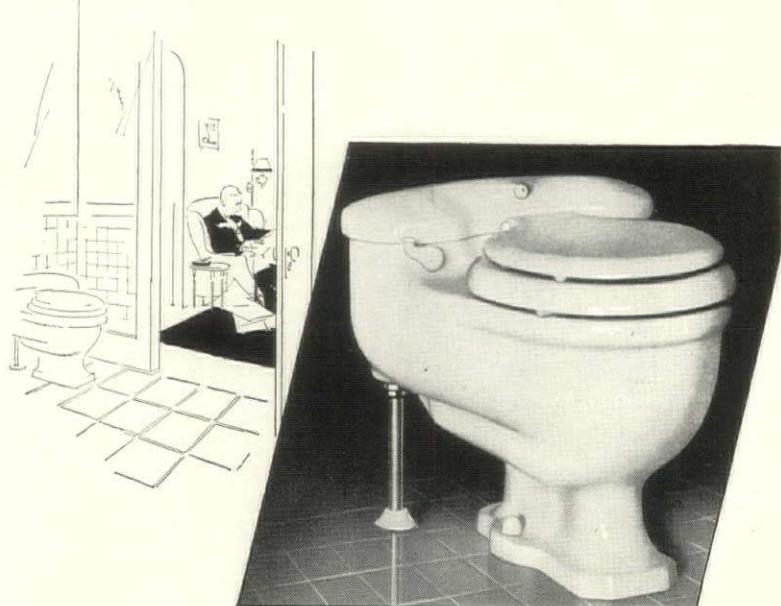
When a spur is sufficiently supplied with food a round plump "cluster bud" is formed at the end and this becomes a cluster of blossoms and leaves. In due time one or more of the blossoms may become a fruit. As this fruit is developed at the tip of the spur no further growth can occur in that direction. So a pointed bud is formed at one side of the spur. The following spring this bud normally develops into a stubby side spur which usually grows only a fraction of an inch and ends in a round, plump cluster bud. Thus there is alternation of cluster or fruit buds and branch or wood buds. Where the blossom buds on all the spurs on a tree develop into fruit during one year the tree will ordinarily bear no fruit the following season, and where the whole orchard does this thing there will be abundance of fruit (a "full year") one year; none the next (an "off year").

This characteristic is much less pronounced in summer and early fall varieties of Apples and Pears because the trees seem to have sufficient time to develop blossom buds between the ripening of the fruit and the close of the season. Especially is this the case where the orchard is well cared for and the trees properly supplied with moisture and plant food.

Herein lies the advantage in the home orchard of having duplicate trees—that is, two trees of a variety. One tree may be encouraged to bear its crop in an "odd" year, the other in the "even" year.

(Continued on page 178)

# M O D E R N L I V I N G C O N D I T I O N S



*.. demand this  
QUIETNESS*

S MALL homes make extreme quietness in water closets doubly desirable. But quietness is only one of eight advantages of the T/N One-Piece Water Closet.

The T/N is considerably lower in price than other quiet water closets. It is made of the finest two-fired vitreous china to avoid cracking, crazing or discoloring.

Has a powerful whirlpool flushing action—thoroughly cleansing. Non-overflowing—an important safety-factor always. Beautiful one-piece design—no unsightly, dust-catching wall-tank. Space-saving—can be installed in a corner or under a window. Simple mechanism is free from trouble.

Leading architects and sanitary engineers endorse the T/N as offering the maximum in sanitation. Your plumbing contractor knows T/N. Phone him, or mail coupon.



**ONE PIECE WATER CLOSET**

W. A. CASE & SON MFG. CO.,  
303 Jackson Bldg., Buffalo, N.Y.

Please send free descriptive literature on the T/N One-Piece Water Closet.

I am interested in  NEW HOME  REMODELING

Name.....

Address.....

Plumber's Name.....

Good Buildings Deserve Good Hardware

**CORBIN**



Varied  
in beauty,  
alike in  
purpose

HERE are knockers—knockers for many different types of homes. Varied styles of undisputed origin, of authentic design. Perhaps the very knocker for your home is among them. All are Good Hardware—Corbin.

But as interesting as are knockers, their contribution to your comfort is little compared with other hardware in your home. Hinges, for instance. And locks, catches and latches, bolts and knobs—all must work smoothly and well.

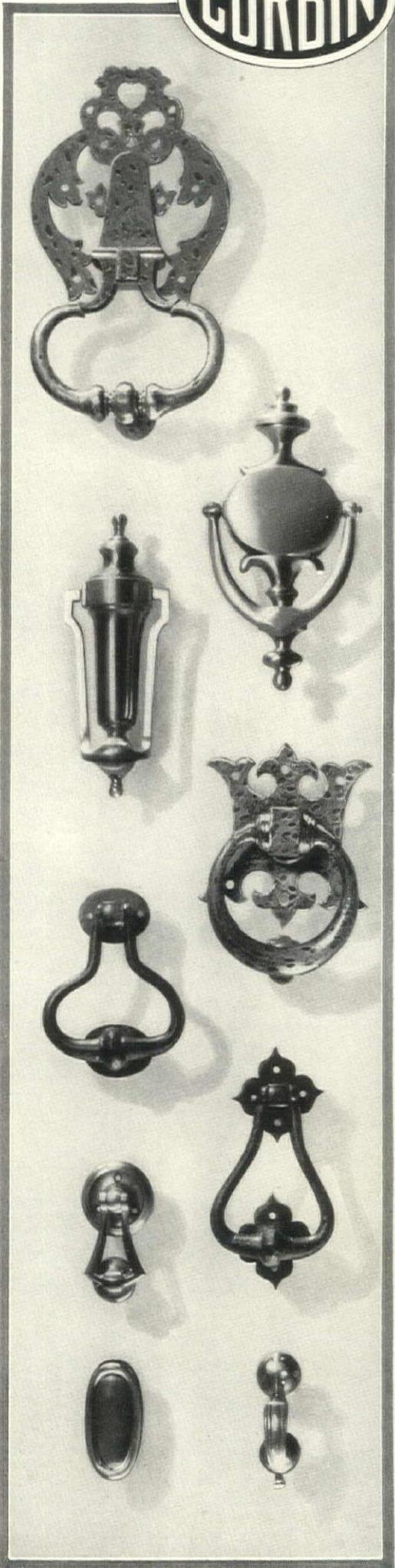
Corbin makes all of these—makes every hardware item needed to equip a cottage or a castle from top to bottom. If you would have the comfort of hardware that never annoys, equip your home with Good Hardware—Corbin—throughout.

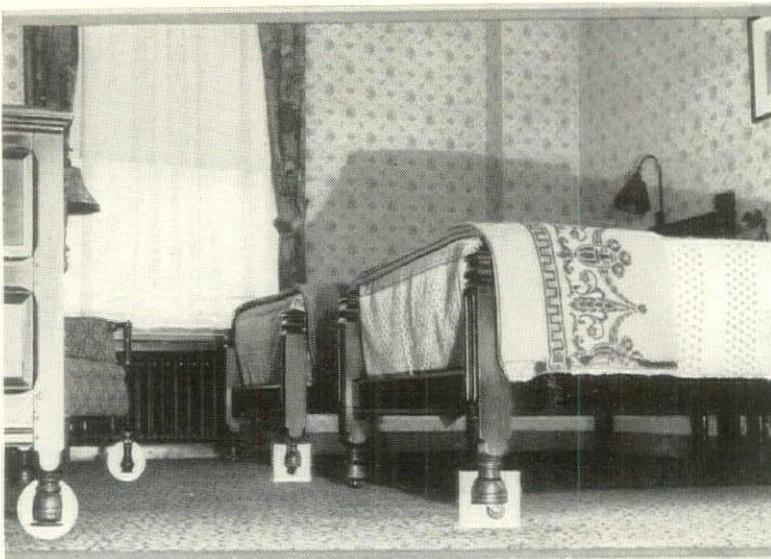
P. & F. CORBIN

SINCE 1849  
NEW BRITAIN  
CONNECTICUT

The American Hardware Corp.  
Successor  
New York Chicago  
Philadelphia

Send for our leaflet K-175. It depicts many kinds of knockers not shown here. We have booklets on many kinds of period hardware, too. Write Department H-3 for full information.





A room in the Hotel Piccadilly, New York City

Spend a few dollars and save the hundreds you paid for floor coverings

If you follow the experience of hotel keepers, the best housekeepers, you will protect your costly floors, carpets, linoleum and rugs. Hotel keepers know furniture is hard on floors and floor coverings. They protect both because it pays.

A few dollars for Bassick Casters and NoMar furniture rests protect floor coverings for which you have paid hundreds of dollars. You can't afford to neglect protection that costs so little.



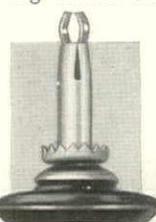
#### How NoMars prevent rug and floor ruination

Your bureau—your dressing table. Seldom shifted—always packing down the pile of the rug in the same spots. The end is ruin to the rug; scars that won't come out.

NoMars prevent this. They are broad and smooth of base, spreading the weight of furniture so it can do no harm. They are good-looking, too. Dark brown in color, nestling close against the floor—they agree perfectly with modern trends in furniture design.

NoMars are unbreakable. They won't scratch polished floors or tear carpets. Ask your hardware or house furnishing dealer to show you NoMars.

And try a set—they fit most caster sockets. The coupon below will help you get full details.



## BASSICK

### NO MAR RESTS

NoMars are packed 4 to a set, with sockets. Four sizes, for light, medium, heavy and extra heavy furniture. Size Width No. 1 No. 2 No. 3 No. 4 of Base 1 1/4" 1 1/2" 2" 2 1/2" (Set of 4) \$ .75 \$ .80 \$ 1.05 \$ 1.50



### CASTERS

Bassick casters are packed 4 to a set, with sockets. Many styles; three sizes, for heavy, medium and light weight furniture. Write for the new Bassick Caster and NoMar furniture rest booklet to guide your selection. It's free!



### The BASSICK COMPANY, Bridgeport, Conn.

You may send me the illustrated new service booklet which tells where and how to use Bassick Casters and NoMar Rests

Name \_\_\_\_\_

Street and No. \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_



HG-1



## Midnight Marauders Don't Fear Telephones!

"Listen, Mister...when a guy gets caught in the act like you are—there ain't much left for him to do 'cept be non-shallant, as the cigarette fellers say. If I wasn't too damned easy-goin'—I'd..."

Tragedy and comedy so often sound alike until the last moment. Your thug might not have a sense of humor. The telephone that connects you with the outer world—the splendid police force that maintains law and order to the fullest possible extent of its powers—the financial satisfaction of adequate insurance—these cannot always replace the means of vigorous and immediate self-defense.

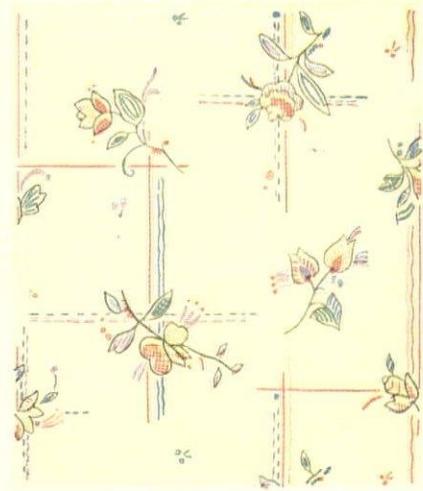
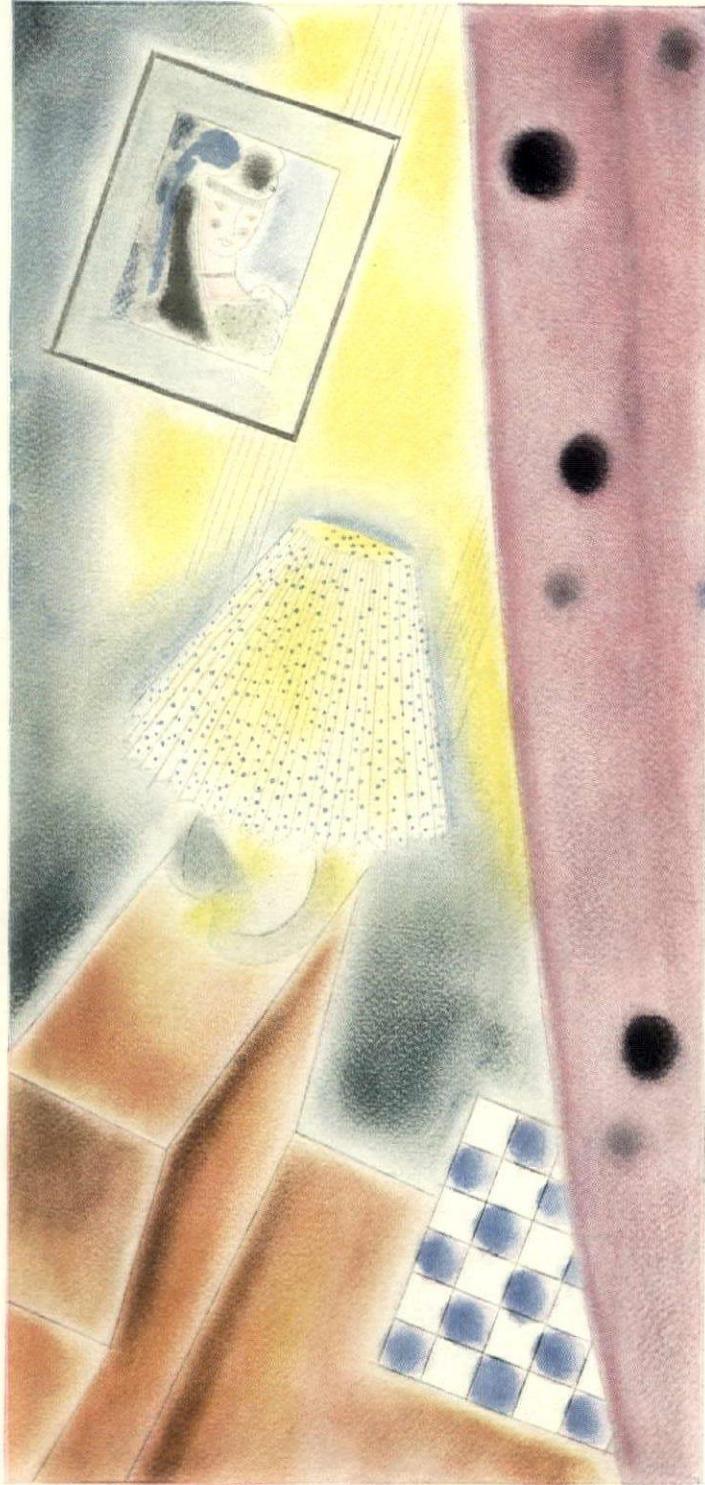
*The revolver is an effective instrument in the promotion of law and order. It is an invaluable factor in the conservation of life and property and creates a feeling of security.*

**SMITH & WESSON**  
SPRINGFIELD, MASS., U.S.A.  
THE REVOLVER MANUFACTURER

We will be glad to send you our descriptive Booklet "A" upon request



"Florette" . . . Modern treatment of a graceful motif giving the effect of hand-work on the wall. Lightness of line gives freedom and freshness characteristic of the newer floral papers. Backgrounds of creams or tans—flowers in various colors. An exclusive Thibaut creation offered at \$1.00 the roll.

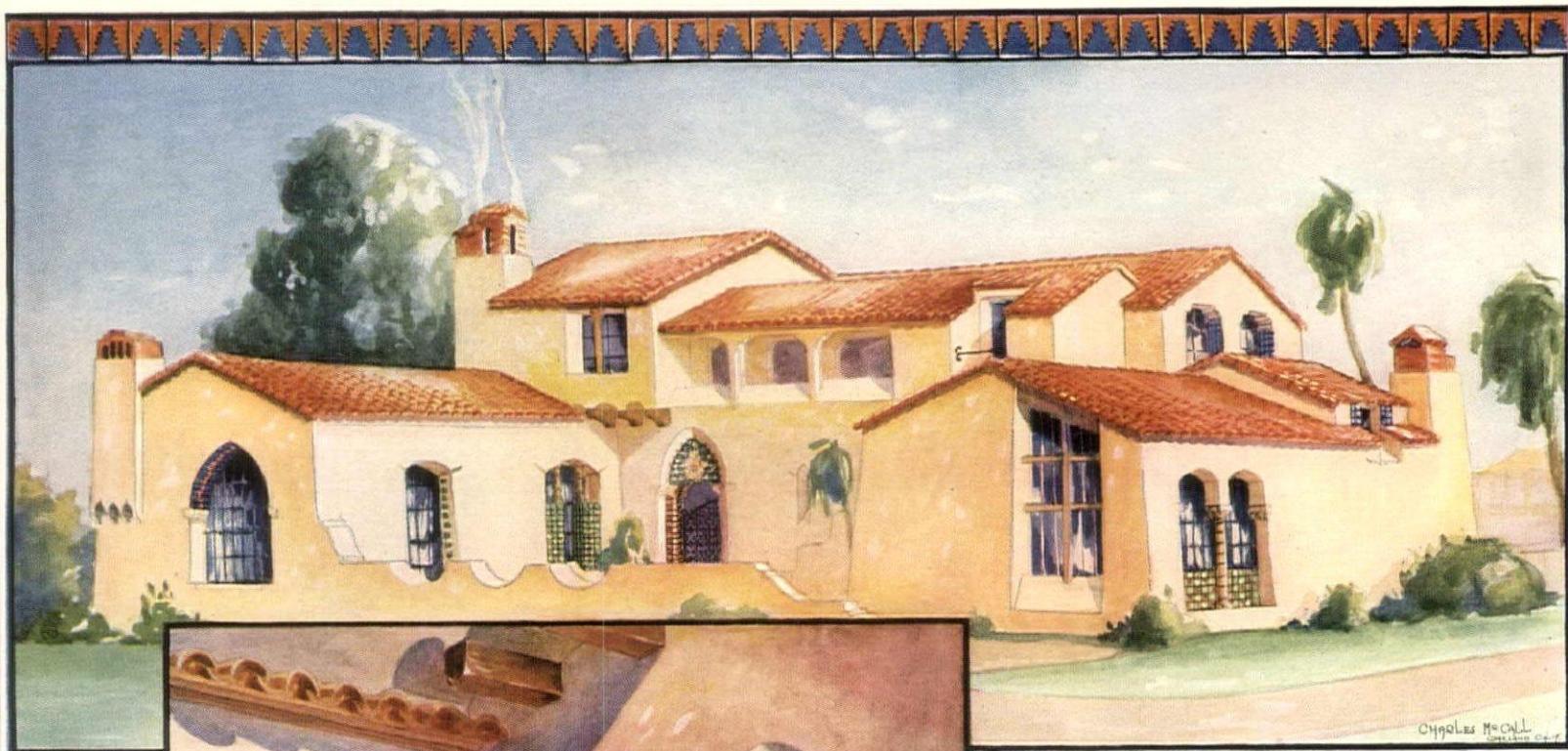


"Maytime" . . . Exclusive Thibaut blossom design in the contemporary mood. Spottiness is skilfully avoided by the use of delicate lines which hold the flowers together. Offered also in another striking color scheme: red blooms; pastel shades of orange and pink; blue-green line. Price—\$1.00 the roll.

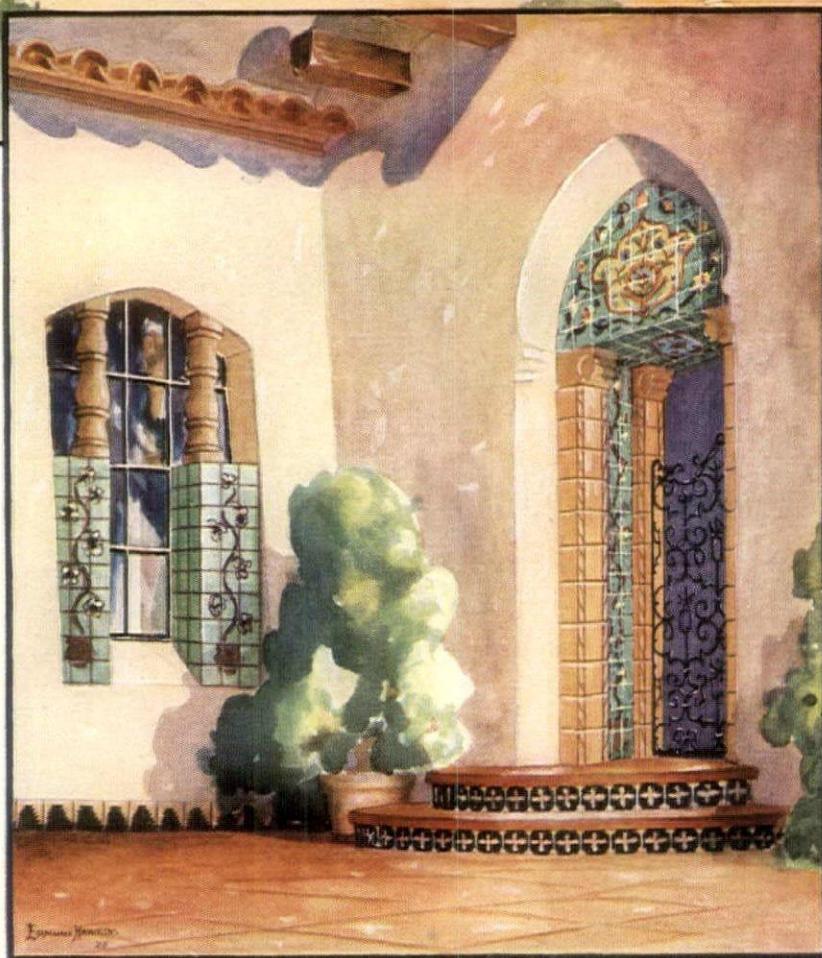
WALL PAPER most graciously expressing the spirit of sane modernism in home decoration. Thibaut's exclusive "Designs of Today" are as fresh and free as the contemporary art movement which gave them birth—yet never odd or freakish. And they are most practical, too—an unusual process makes it impossible for them to fade. These smart papers for years could be purchased only in New York. Today they are offered by quality establishments in all the principal cities. If your decorator or dealer does not have Thibaut Wall Papers, write for specimen designs. We will send also a copy of our little booklet, "Wall Paper Designs of Today." Address: Richard E. Thibaut, Inc.,

24 West 40th Street, New York.

# Thibaut



CHARLES Mc CALL  
CHICAGO, ILL.



CASA IRISADA—*Home of the Rainbow.* A brochure which tells the colorful story of this charming Spanish home is now on the press. Your copy will be sent at your request.

Color...  
that endures  
as long as  
the home

For the colorful home no interior finish or exterior embellishment can be so lastingly beautiful as tile—particularly *Kraftile High Fired Faience Tile*.

For Kraftile is a unique material. Its enamel, the hardest known, is not a veneer but is fused inseparably with the body of the tile. It is fadeless, wear-proof, weather-proof. Kraftile is made in a wide choice of delicate plain colors, and in classical and modern designs of rare beauty.

It is used for walls and floors throughout the home, in bathrooms, kitchens, sunrooms, living-rooms; for stair risers, courts, patios and plunges.

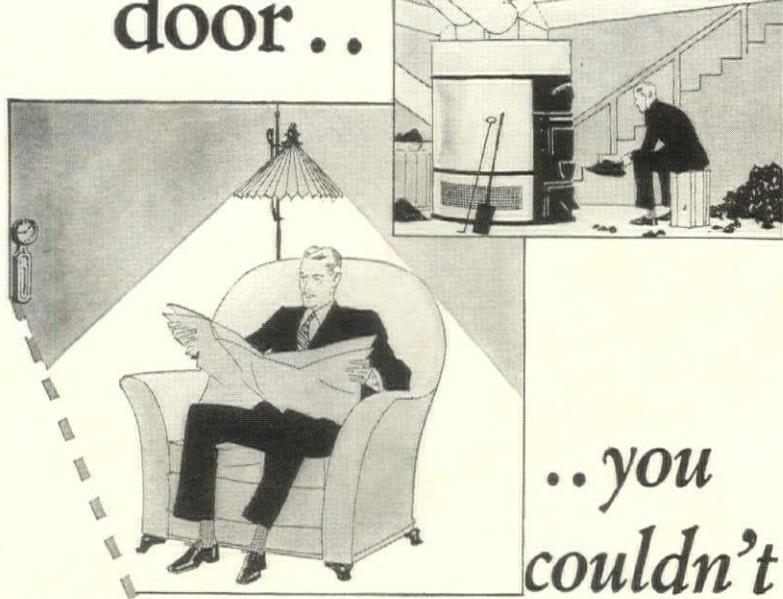
*Plain colors and rare designs*



*Precious Jewels of Architecture*

*Main Office and Factory, Niles, California*

# If you camped at the furnace door...



..you  
couldn't  
do as good a job

If you only knew how simple and how convenient it is to have automatic oil heat, you would never face another winter without it.

In one minute the whole season's furnace tending is done. You have saved yourself and your family no end of drudgery and "messing around" with the old fashioned, uncertain form of home heating. You have safeguarded their health with clean, carefree, uniform heat.

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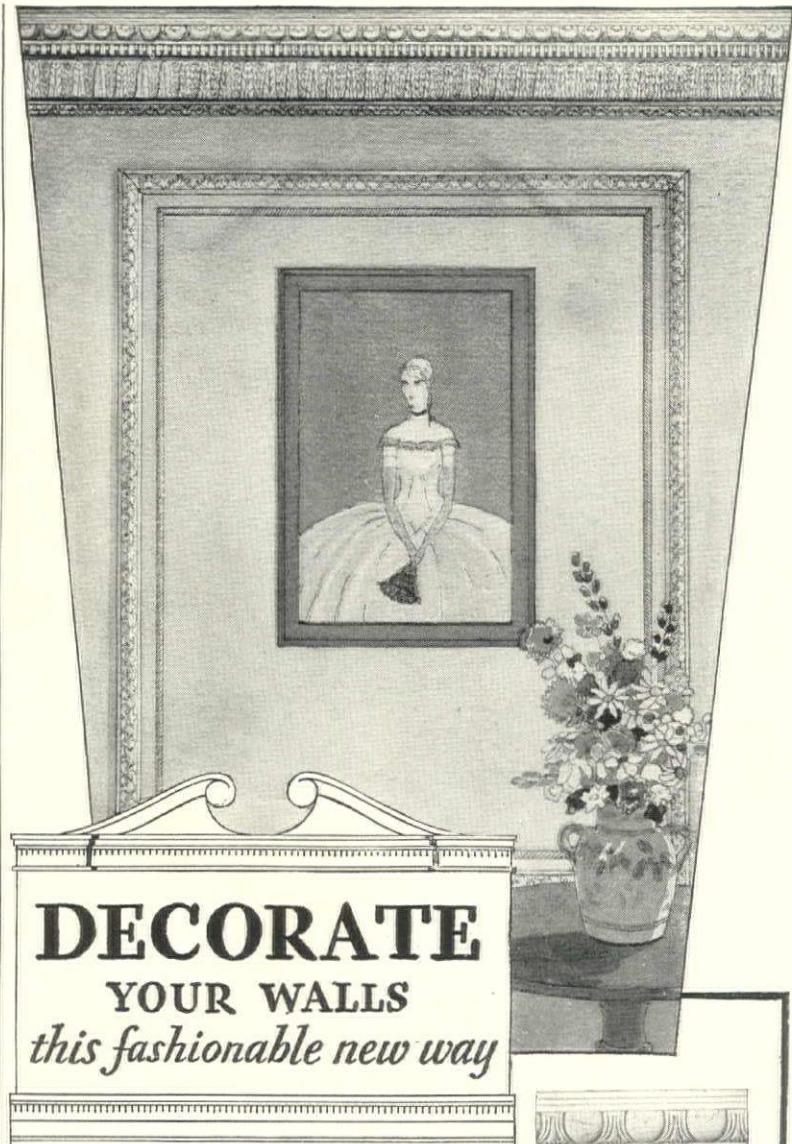
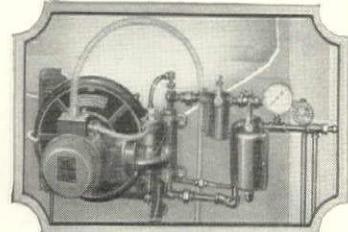
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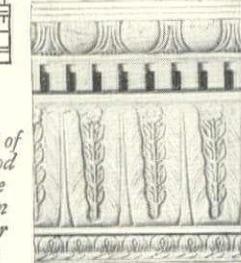
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**PERIOD MOULDINGS**  
*in ornamented wood*

## APPLE ORCHARD SUCCESS

(Continued from page 174)

In the case of late fall and winter varieties the off and full year proclivity may be prevented or modified in two easily applied ways. The first is to pinch off all the flowers on the young fruits from at least half the spurs. The other half will bear fruit that year and the half deprived of flowers or fruits will produce blossom buds for the succeeding season. A little annual attention to this pinching during the first two, three or four years after the trees begin to bear will tend to fix annual bearing of moderate crops as a character of the tree.

Two other things that will help this habit are liberal feeding of the trees and thinning out the fruit when about half grown. In this work the aim should be to remove all the gnarly, wormy and diseased specimens, then to reduce the number of Apples until those that remain will not be closer than six inches apart when fully mature. Nothing that can be done to or for the growing will produce such striking improvements in the quality, size and appearance of the natural fruit as the removal of twenty-five to seventy-five percent of the specimens of a liberal set. When the set is small the removal of the defective specimens will never make good fruit and they demand more or less plant food that the trees could otherwise utilize to better advantage. It can be conserved in order to form fruit buds for the following year.

The argument for thinning is that when the 100 percent of plant food that would normally develop 100 percent of the crop is diverted to develop only fifty percent of the crop (the other fifty percent being removed) this remaining fifty percent develops greater size, finer texture, higher flavor and more attractive color; in short, is worth more from the standpoints of appearance and edibility. But it also gets rid of the specimens that would never be anything but culls, and because it saves plant food it tends to prevent the trees from bearing too much fruit in one year and little or nothing the next.

## A FALSE IDEA

Many people are reluctant to plant Apple trees because they have been led to believe that this fruit is slow to come into bearing. It is a great pity that such half-baked ideas should be so hard to correct in the public mind. They are too general; for while it is true that some varieties are slow to reach bearing age yet there are others that are almost astonishingly quick.

In order to be able to speak authoritatively on the matter, the State Agricultural Experiment Station at Geneva some years ago planted trees of a large number of Apple varieties, made specific notes of the times when they began to bear, and at the end of the ninth year published its findings. These may be summarized as follows:

During the second year three varieties had started to bear. In the third year three others, in the fourth thirteen others, in the fifth seventeen others. This makes a total of thirty-six out of fifty-seven varieties (practically two-thirds) that had begun

to yield within five years. During the sixth no other varieties began; in the seventh two, in the eighth four, in the ninth thirteen. At that time there were only two varieties that had not yet borne even one apple.

Now it happens that among the thirty-six precocious varieties we have some of special merit, either for dessert, culinary purposes or both: (Summer) Primate, Oldenburg, Williams Favorite, Early Harvest, Maiden Blush, Yellow Transparent, Red Astrachan; (Autumn) Fameuse, Pomme Grise, Twenty Ounce, Wagner; (Winter) Rhode Island Greening, Tompkins King, Green Newtown, Winesap, Rome.

While the above data shows that some varieties reported on were slow to begin bearing, yet the time required under ordinary management can be greatly shortened under judicious methods, especially by restricted pruning (the removal of no more branches or twigs than will insure good formation of the main limbs and branches)—really a form of training rather than pruning as it is commonly understood.

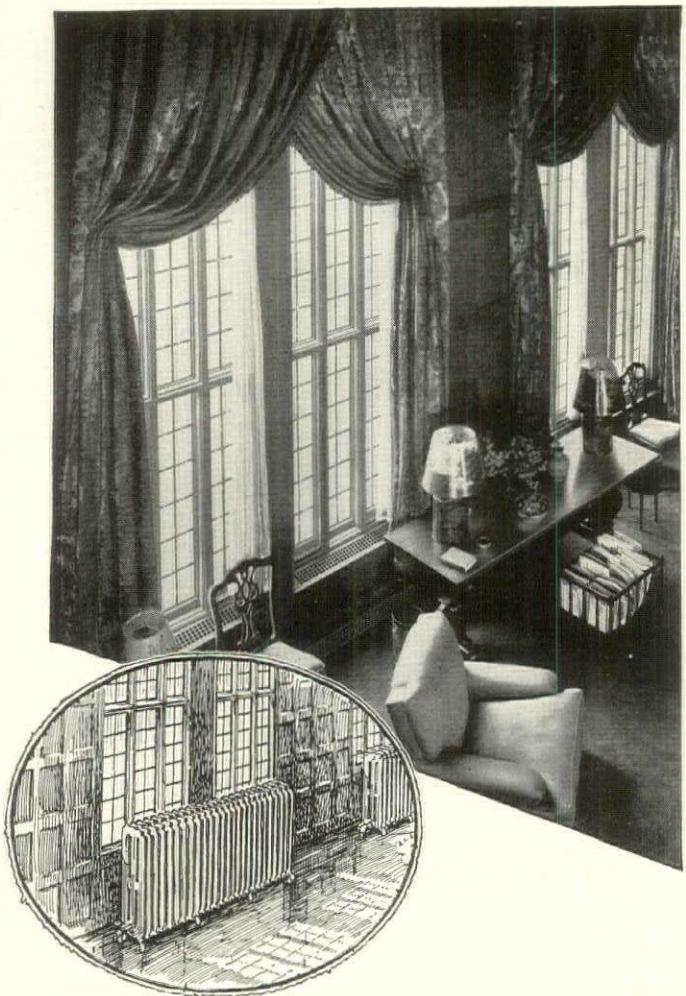
## PLANT FOOD

Equally important is the liberal supply of moisture and plant food in the soil. The former may be maintained largely by plowing in cover crops, those "green manures" which as they decay act like sponges taking up water during wet times and giving it off slowly during dry periods. The saving of moisture in the soil may also be enhanced by shallow cultivation of the surface *an inch or two*, from spring until midsummer; for when this is kept loose it acts like a blanket and though it may appear powdery yet just below the surface it holds back the moisture as may be seen by scraping away a little of the immediate surface. The moist earth shows as a darker layer below the dusty surface.

One of the greatest mistakes an amateur can make is to buy what certain nurserymen call bearing age trees. In reality these are probably old enough to bear; in fact, some of them may have fruit spurs or even have actually borne a few fruits in the nursery row. But I have yet to learn of a single case where the buyer of such trees did not rue his purchase. In every case that has come under my notice most of the trees died the same year as set out and the others eked out a miserable, fruitless existence.

Some years ago one of my clients, against my arguments to the contrary, insisted on planting five large trees—one Peach, a Pear, a Sweet Cherry and two Apples—for a total of \$130. The Pear tree was so afflicted with blight that I condemned it and it was removed but not replaced. The Peach bloomed and leafed out, but died before midsummer. The Cherry died the following winter. Both Apple trees still exist, but several of the one-year and two-year trees which were planted at the same time grew sturdily and began to bear only three years after being set out.

(Continued on page 180)



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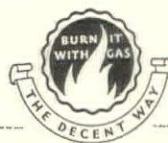
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## APPLE ORCHARD SUCCESS

(Continued from page 178)

The reasons why "bearing age" trees fail are: First, it is impossible to dig them up without losing practically all the feeding roots—those little fibres a yard or more from the base of the trunk. With these cut off the stumps of the roots that remain—perhaps ten or fifteen percent of the total—are unable to absorb the moisture necessary to supply the top. Herein the nurseryman is certainly to blame. He sells a tree which is quite incapable of readjusting itself to life.

Second, such trees are almost invariably planted just as received from the nursery—no pruning back of the top. In other words the buyer is trying to compel ten to fifteen percent of root to supply 100 percent of top with all the water needed to form leaves, twigs, etc. It can't be done.

Apart from the folly of buying too large or too old trees, much of the disappointment and loss which amateurs experience could be avoided by judicious selection of young nursery stock. Points to insist that the nurseryman shall observe are: Trees true to name, in good health and vigor, mature but fully dormant when dug, plump when delivered, straight, well rooted and in one-year stock without branches, in two-year stock with the branches scattered up and down the trunk—not in a small cluster only a few branches apart.

## FOOD PRECAUTIONS

Should the stock be delayed in shipment so that it arrives in shriveled condition insist upon a bad order receipt from the transportation company. Send this with a report direct to the nurseryman so he may take the matter up with the transportation company. If the stock is not so seriously shriveled as to be almost brittle it may be saved as follows:

Plunge it full depth in a pond or a stream and let it soak for a couple of days before planting, or bury it (roots, trunks and part of the tops) in wet ground for a week or ten days. Either of these methods will save many trees and prevent losses due to dry soil and dry winds, plus the very enfeebled condition of the shriveled plants.

Whenever possible always order stock for delivery in the autumn but insist that the leaves shall have fallen off naturally before the trees are dug. They must not be cut or stripped off. When they fall off the tree is "ripe" and able to meet winter conditions; when stripped off it is not, and is almost sure to be killed.

The chief advantages of buying stock in the fall are that one is then much more likely to get the varieties he wants, the nurserymen not having depleted their stock as in spring. But there are other advantages. In the fall planting may be done at a time when other work is usually not pressing. Trees so planted are ready to begin root and top formations often long before spring-ordered stock arrives, a point that means a great deal in the general development of the early fruitfulness of the tree.

But supposing that planting cannot be undertaken in the autumn, there are

still the advantages of having a stock of the desired varieties on hand ready for planting the moment conditions become favorable in the spring. Any one can store trees successfully over winter. All that is necessary is to lay the plants down obliquely and bury roots and two-thirds or three-quarters of the trunks and branches with earth in a dry knoll and to permit no straw or other litter to remain near them for mice to build nests in. Mice eat twigs and the bark of trees so it is well to take measures to prevent their taking up residence nearby.

As to soils for an Apple orchard, the amateur who has only limited land must make the best of what he has. If he has several areas to choose from his preference should be for one that has produced good crops of inter-tilled vegetables such as Corn and Potatoes. If such soils are deeply underlaid by gravel or shale so much the better, because the tree roots readily penetrate such ground and thus they usually are able to reach permanent sources of water.

Soils to avoid are those underlaid by hard pan, heavy clay or unbroken rock near the surface. These are likely to be so poorly supplied with water that the trees will suffer. Soils poorly drained are also undesirable because they are likely to be cold and sour. Other things being equal the high site is better than the low one because it is usually better drained and there is less likelihood of damage from late frost in spring or fungous diseases which luxuriate where the air is damp as it always is in low ground.

## THE PLANTING

In planting it is advisable to throw the surface soil in a pile by itself and the lower or subsoil in a separate pile so the former may be thrown back first and thus provide the roots with a richer medium in which to start growth. Never should manure or commercial fertilizer be thrown in next the roots, though ground bone, tankage, dried blood or other animal fertilizer may be mixed with the soil as it is thrown in. As the hole is being filled, the earth should be tramped as firmly as possible around the roots to get rid of any air pockets and bring the roots closely in contact with it. Finally the poor subsoil should be thrown on top and packed down firmly, though the immediate surface should be made loose if the weather is dry in late spring. This will check evaporation. By having the poor soil on top there is usually less trouble with weeds because most plants find difficulty in starting to grow in such poor earth.

As a rule all fruits do better under clean culture. Whenever possible the orchard should be planted on land that has been in cultivation for at least one season before setting. Crops such as Corn, Potatoes and other vegetables that require inter-tillage are excellent to precede the trees. After planting, the ground should be kept free from weeds until mid-summer each season, first by plowing and then by harrowing once in ten days or two weeks. In July or August

(Continued on page 182)



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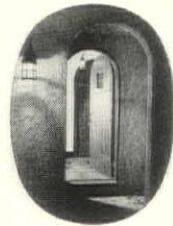
The mode that doesn't begin on the rue de la Paix, or near it... isn't a mode... it's a costly mistake. -- The woman who doesn't adore the thought of buying clothes there, and glittering trifles on the rue de Rivoli... isn't a woman... she's a misnomer in petticoats. -- All the sleek long-nosed cars in Europe, all the racing greyhounds that cut a blue-green swathe across the Atlantic are drawn by the irresistible pull of those little jewel-box shops! -- But the smartest of the women and the wisest of the men are taking the "France", the "Paris" or the "Ile de France", those Weekly Express Liners that carry them to Paris by the quickest, easiest, gayest, pleasantest route. -- The men know they won't find a bore in the smoking room, a bounder at dinner or a menu less than perfect. -- The women know that the world doesn't hold a more appreciative audience for themselves. -- Five days in Paris-afloat, a call at Plymouth for London, then dock at Le Havre where the boat-train waits ... three hours to



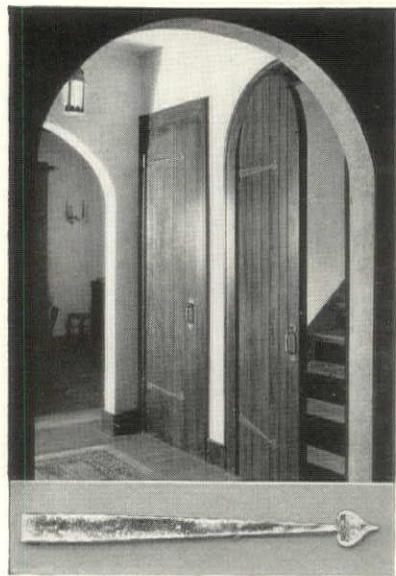
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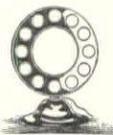


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## APPLE ORCHARD SUCCESS

(Continued from page 180)

the land may be allowed to grow a volunteer crop of weeds, or just before the last harrowing a seeding of a cover crop may be given. Popular crops for this purpose are Crimson Clover, a mixture of Rye and Winter Vetch or Rye alone. In early spring before these have grown more than a foot or fifteen inches high they must be plowed under to decay for the benefit of the trees. As they decay they not only return to the ground the plant food they have taken up from the soil, but they take up and retain moisture which they yield gradually to the roots of the trees.

It is generally considered a good plan to fertilize orchards with various forms of potash and phosphoric acid, a handful of each to young trees applied at any convenient time, more especially when growth starts, or when those trees old enough to bear are in blossom.

Nitrate of soda may be given at the same time, but where Clover of any kind or Vetches make good growth before being plowed under this fertilizer must be used with caution or the trees may make too lush a growth of leaves and shoots at the expense of fruit production.

To determine when to use this chemical, note the growth of the young shoots. If these are large and lusty and if the leaves are very dark green and abnormally large, avoid it. On the other hand, if they are small and wiry and if the leaves are small and yellowish use it rather liberally. The cover crops will take up all the fertilizer that the trees don't use direct and when they decay after plowing under, will return this plant food to the soil.

During the first year the most troublesome pests of the Apple are probably aphids which usually appear shortly after the leaves develop and increase more or less during summer. They should be promptly sprayed with nicotine sulphate.

Caterpillars may appear the first year on individual trees, more especially during late June, July or August. Arsenate of lead is the specific for them. During the following winter or early spring search

should be made for tent caterpillar egg clusters which are easily seen on the twigs as brownish masses usually about an inch long. Their appearance suggests frothy glue. They should be broken off and thrown where the caterpillars cannot get any food and where the parasites often in the eggs may escape about the time the buds swell. At this time the infant caterpillars form little webs in the crotches of branches. These are easy to see before the leaves grow. They may be wiped out with a wad of burlap and the worms destroyed. While the trees are small these are the two easiest and most satisfactory ways of controlling this insect. When the trees become large, dormant spraying with miscible oils or, after the leaves develop, with arsenate of lead, are most satisfactory.

Except to train the trees in the way suggested, by pinching out the undesired shoots, the less pruning the better. Every effort should be made to avoid what is called pruning—the removal of numerous or large branches. This can be done by anticipating what will happen if certain twigs are allowed to develop into branches, pinching them off while green or cutting them off with a sharp knife while still small. In this way plant energy is directed to the branches that are desired and the tree is never thrown out of balance, as is often the case when many or large branches are removed. Then, too, one may avoid the risk of damage that always occurs when large branches are removed. Trees trained as indicated tend to begin bearing earlier than do those severely or frequently pruned.

In the ways suggested—choosing precocious varieties, planting them in favorable soil on a favorable site, giving them good cultural care providing sufficient plant food and moisture through cover cropping, and especially by training rather than the so-called pruning which is too often in reality tree butchery, anyone can have not merely as good an orchard and "as delicious fruit as grandpa grew", but can excel even the excellence of the memories of the old gentleman's best achievements.

## INSURANCE FOR HOME-OWNERS

(Continued from page 146)

Chambers of Commerce will find this field well worthy of their efforts.

The various classes of insurance that the home-owner needs are too numerous to discuss in this article. Other articles will appear from time to time, discussing them; meanwhile, it is sufficient to enumerate them. It is the writer's opinion that the owner of a home should protect himself against all forms of losses; the expense of insurance, together with the interest on his investment, the taxes and the upkeep, represent the true cost to the owner of his rent. The following types of policy are adequate:

Fire and lightning insurance covering the loss of the building. Fire and lightning insurance covering loss of

contents. Fire and lightning insurance covering loss of use of the premises (known as rent insurance). Fire and lightning insurance covering particularly valuable trees or shrubs. Burglary, theft and larceny insurance. All risk jewelry insurance. General Liability insurance. Workmen's compensation insurance (if owner resides in a State where domestic servants are entitled to compensation benefits). Automobile insurance (if an automobile is owned). Heating boiler insurance (if a boiler is in the building). Plate glass insurance (if any plate glass is in the building). Tornado and windstorm insurance. Tourist floater insurance. Life insurance. Accident insurance.



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THE parts of the floor that your visitors see first—in hallways, around tables, in front of the radio, piano or chairs—are the places that get the hardest wear. Now—these prominent places can be just as attractive and beautiful as the rest of your floor. And they can be kept lovely forever with this magic quick polish—Old English Wax.

Think of Old English Wax as a thin, hard, transparent coat of armor that gives your hardwood floors an old world charm and really protects them like a glass top protects the finish of a desk.

### Saves Frequent Cleaning

Old English Wax not only gives floors a lovely polish but it also removes dirt. And because of its hard, smooth finish, Old English Wax does not collect dust and dirt so quickly. Besides your floors are protected by a durable coat of wax that protects them against scratches, heelmarks, and wear.

Old English Wax costs less than ordinary floor waxes because you need not use so much—a little goes a long way, and the polish lasts longer.

Floors waxed with Old English Wax make a beautiful setting for your rugs and furnishings. With no other product can you add so much in appearance to your home. Stop today at your hardware, paint, grocery, drug, housefurnishing or dept. store

and get a can of genuine Old English Wax. Made in U. S. A. by The A. S. Boyle Co., 1934 Dana Ave., Cin'ti, O.

### Introductory Offer



#### \$5.10 Waxing Outfit for \$3.90

1 Old English Waxer-Polisher.....	\$3.90
1 Can Old English Paste Wax.....	.45
1 Can Old English Liquid Wax.....	.75

**Special Sale Price 3.90**  
**You Save.....\$1.20**

(Sale Price Denver and West \$4.25; Canada, \$4.50; Winnipeg and West, \$5.00)

# Old English Wax

PASTE & LIQUID POLISH

ART CRAFT  
WAREPANCAKE GRIDDLE  
AND BACON BROILER \$4.50A ROUND  
OF PLEASURE

Just one wheat cake after another—or reverse the griddle and you have a convex surface which is ideal for broiling bacon—with a trough around the edge to hold the grease.

The Griddle and Broiler is made of Hyb-Lum, the new nickel, chromium, aluminum alloy—bright as polished silver, light as aluminum and strong as steel.

It will last through generations of breakfast-table autocrats.

On sale at the better gift shops—or mailed direct to you upon receipt of money order for \$4.50. (We pay postage.)

ART CRAFT WARE  
STUDIOS

320 S. Liberty St., Jackson, Mich.

**I**F YOU ENTERTAIN—or just want *Good Things to Eat*—you will find excellent suggestions in every copy of

**American Cookery**

The Household Magazine of recognized authority which tells you how to make and serve

"Chocolate Pinwheels"  
"French Pancakes"  
"California Rolls"



"Chocolate Pinwheels"

How to select and cook your favorite dish, how to serve it and what to serve with it; forty or fifty choice and seasonal recipes in each number, many of them illustrated.



"French Pancakes"

"AMERICAN COOKERY" gives menus for every possible occasion. Dinners, Luncheons, Wedding Receptions, Card Parties, Sunday Night Suppers, etc. Also contains timely Household Articles and Good Fiction.

If you have a family you need this Magazine, for using it will help you set a better table for less money.

SEND us One Dollar (cash, check or stamps) and we will send you AMERICAN COOKERY for the rest of 1929, starting with the March number which contains recipes and directions for "Chocolate Pinwheels," "French Pancakes," "California Rolls" and many other good things. Address

The Boston Cooking School Magazine Co.  
219 Columbus Ave. Boston, Mass.



Residence of Carl G. Fisher, Miami Beach, Florida. Equipped with Burlington Venetian Blinds

## HOMES OF DISTINCTION

Distinction, in many cases, is the result of attention to detail. One detail of importance is window blinds—and in Burlington Venetian Blinds there is no compromise with anything short of dignified distinction. They are today an integral part of many charming homes, being especially adaptable for use in sun parlors, and sleeping porches. We shall deem it a favor if you will let us send you a catalogue.



Give Draftless Ventilation

BURLINGTON VENETIAN BLIND CO.

280 Pine Street, Burlington, Vermont



In this setting is portrayed a Georgian Loveseat, which is covered in Crewelwork Tapestry. This is a product of our shops.

## SHAW FURNITURE COMPANY

ESTABLISHED 1780

Specialists in Furniture Made to Order

SHOWROOMS AND FACTORY: NEW YORK SHOWROOMS:  
50 SECOND STREET—CAMBRIDGE, MASS. 730 FIFTH AVENUE—HECKSCHER BLDG.

Write for further information or special illustrations.  
Shaw Furniture must be purchased thru a Decorator or Dealer.

Fresh Fruit  
Drinks Problem  
.... Solved!Sunkist Junior  
Fruit Juice Extractor

Presented and guaranteed by the California Fruit Growers Exchange for fast, satisfying, home service extracting Orange and Lemon Juice. Strong and handsome, this proved Extractor stands 10 ins. high and weighs 6 lbs. Only two instantly removable parts to clean under faucet.

Orange Juice Quick!  
—by glass or gallon!

SUNKIST JUNIOR is a modern home necessity for the easy, fast preparation of fresh Orange and Lemon drinks, for the healthful breakfast and any-time-of-day orange juice, for the party.

Extractor's whizzing cone gets all the juice without the usual fuss and muss. More juice from the fruit, plus time and labor saved. The machine is built to do a great service job and it meets the usual—or emergency call—with real and true speed and enthusiasm.

\$14.95

at department, hardware and electric stores. If your dealer cannot supply you, mail the coupon together with money order for \$14.95 to our distribution office nearest your home. Shipment by return mail, prepaid. Canadian delivery price, \$19.95.

Sunkist  
Junior  
Electric  
JUICE  
Extractor  
.... "the life of the party!"

FOR QUICK RETURN mail to  
distribution office nearest your home.

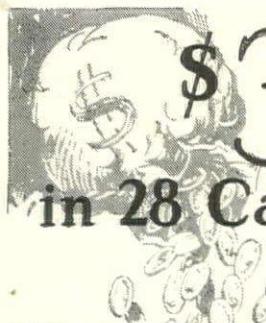
California Fruit Growers Exchange  
 New York City, Div. 2603, 204 Franklin St.  
 Chicago, Ill., Div. 2603, 900 N. Franklin St.  
 Los Angeles, California, Div. 2603, Box 530  
Station "C"

My dealer cannot supply me. Money order for \$14.95 enclosed for one delivered Sunkist Junior Electric Juice Extractor. (Canada, \$19.95.)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_



# \$3000<sup>00</sup>

## in 28 Cash Prizes in the **SECOND** **WEATHERBEST Home Modernizing** **CONTEST**

The famous 1927 WEATHERBEST Contest awarded similar prizes for the best examples of old homes modernized by recovering sidewalls with edge grain red cedar stained shingles. Mr. and Mrs. Clifford J. Foster, Rives Junction, Mich. won the 1927 first prize of \$1000, modernizing their home at a cost of approximately \$800. The 1929 WEATHERBEST Contest which opened January 1st and will close October 31st. 1929, is even a more generous offer:

FIRST PRIZE	SECOND PRIZE	THIRD PRIZE
\$1,000	\$500	\$250

Fourth Prize, \$150 Four Prizes of \$75 each Ten Prizes of \$50 each  
Ten Prizes of \$30 each

(In event of tie for any prize, full amount of such  
prize will be awarded to each tied contestant.)

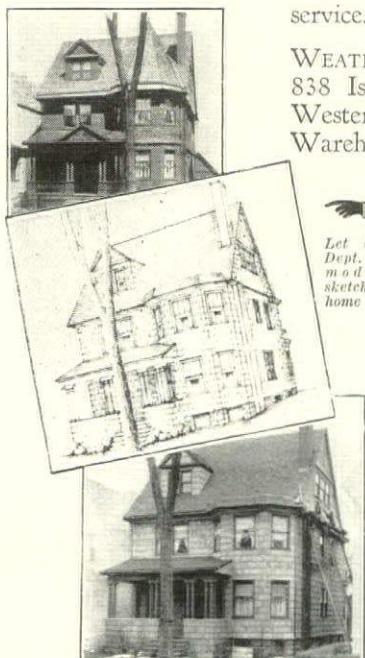
Write today for details of this Prize Contest and Booklet "Making Old Houses into Charming Homes". Ask our Service Dept. for suggestions and free sketch Service.

Top: an old home in Buffalo,  
N. Y.  
Center: sketch furnished by  
WEATHERBEST to show  
changes suggested.  
Bottom: the modernized  
home. Ask about this free  
Service, and let us tell you  
how easily WEATHERBEST  
Stained Shingles can be laid  
over old wood or stucco side-  
walls to give new appearance  
and better insulation—at a  
cost less than two paint jobs.

Through modernizing with WEATHERBEST, added value, beauty and comfort can easily be given to homes growing old. The WEATHERBEST 1929 Contest offers an opportunity to win a cash prize, perhaps more than the cost to modernize.

WEATHERBEST Stained Shingles are 100% edge grain red cedar treated by the WEATHERBEST special process of staining and preserving that insures uniform, durable colors and life-long service.

WEATHERBEST STAINED SHINGLE Co., Inc.,  
838 Island St., North Tonawanda, N. Y.  
Western Plant—St. Paul, Minn. Distributing  
Warehouses in Leading Centers.



Let our Service  
Dept. make a  
modernizing  
sketch of your  
home

**Weatherbest**  
**STAINED-SHINGLES**  
FOR ROOFS AND SIDE-WALLS

WEATHERBEST STAINED SHINGLE CO., Inc.  
Contest Dept.  
838 Island St.

Without obligation, please send details of 1929 WEATHERBEST Home Modernizing Contest with booklet, "Making Old Houses into Charming Homes".

- How can your Service Dept. help me see how my home will look with shingled sidewalls.
- I intend to build a new home. Send Color Samples and Portfolio of Color Photogravures showing WEATHERBEST Stained Shingles for sidewalls and roofs.

Name.....

Address.....



Sandy garden loam and granulated peat-moss, mixed in equal parts, make a good sowing medium for most kinds of seeds. They should be fine and free from lumps

## SOWING AS IT SHOULD BE DONE

(Continued from page 92)

in moist soil without germinating. Long continued experiments have shown that many weed seeds will germinate after having been buried for forty years! And there are records in Japan of Lotus seeds which have lain buried for four or five times as long as that and then needed to be filed before they would absorb sufficient moisture to germinate.

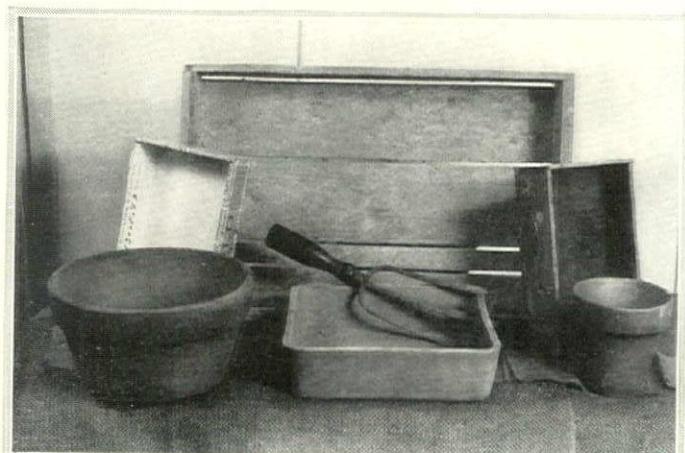
Recent experiments have proved that many plant diseases are carried over in the seed. It had been suspected for a long time that this happened in some cases, but it has proved very much more general than anyone imagined. While these investigations have been largely with crops of economic importance, similar diseases attack flowers and ornamental plants; many of these have been traced directly to infection through the seed. There are other diseases which either destroy the vitality of the seed or kill off the young plants.

In experimental work looking toward the control of these diseases it has been discovered that organic mercury compounds will destroy many of the lower forms of life, to which most of these diseases belong, without injuring the higher forms represented by the plants upon which they prey. This has given us a new method of control which has been the means not

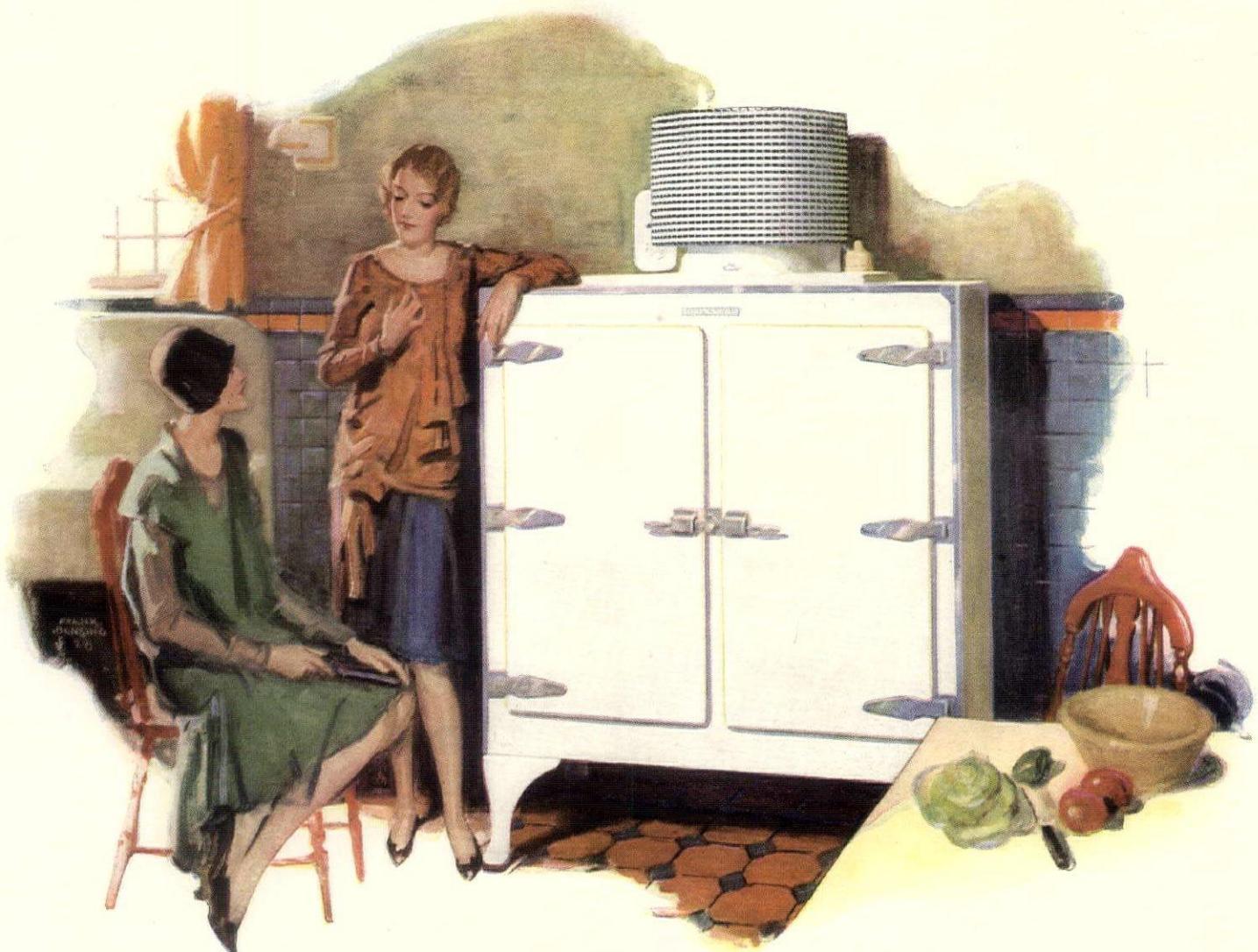
only of saving hundreds of thousands of dollars to farmers, but proven a boon to amateur gardeners as well. Who, for instance, has not had the disheartening and tremendously annoying experience of losing a batch of seedling plants, just as they seemed to be making a splendid start, through pestiferous damping-off disease which attacks the tender stems just at the surface of the soil, notwithstanding the most careful attention? Not all seed-born diseases may be controlled even by these new-type disinfectants, for in some cases they may have already penetrated the seed tissue and injured the embryo before the grower gets them. But they do check so many forms of bacteria, both upon the seeds themselves and present in the soil ready to attack when the seeds are planted, that their general use is by all means worth while.

Still other experiments in seed germination have had to do with the medium in which they are started. It has been found that some prefer an acid-reacting medium, such as fresh peat-moss, others an alkaline-reacting medium like ordinary garden loam, while others are more or less indifferent or tolerant, starting well under a wide range of conditions. All but a very few will germinate satisfactorily

(Continued on page 186)



Five good kinds of containers for seed sowing: the ordinary shallow wooden flat, cigar boxes, bulb pan, ordinary flower pot and an earthenware seed pan



## You can barely hear it !

WHEN the proud owner of a General Electric Refrigerator takes her friends in to see it, the first comment is apt to be "Why it's *so quiet*—you can barely hear it."

The thing which seems to impress everyone is the extreme quietness with which these refrigerators operate. Their unique construction has indeed established a new standard for quiet operation.

This design, however, accomplishes something even more important. It makes possible the top-unit arrangement—a distinctive feature found

only in the General Electric Refrigerator. Placing the unit on top makes it possible to enclose all the machinery—together with a permanent supply of metal protecting oil—in an hermetically sealed steel casing. There the hidden machinery, always oiled, remains safe from dust and difficulties. No one can tinker with it—no one needs to.

All the heat generated is allowed, with this design, to rise above the refrigerator. Installation is simplified. Upon delivery, the entire mechanism is merely lowered into the top of the specially constructed cabinet. It

is then placed where you want it and plugged into any electric outlet. There's no plumbing, for no drain pipe is necessary.

Quietly, automatically, the General Electric Refrigerator gives you the perfect refrigeration that does away with food spoilage and safeguards health. It provides a generous supply of ice, makes menu-planning so much easier, permits you to serve the sort of food that your guests will instantly recognize as perfect.

For further details, just drop us a card asking for Booklet K-3.

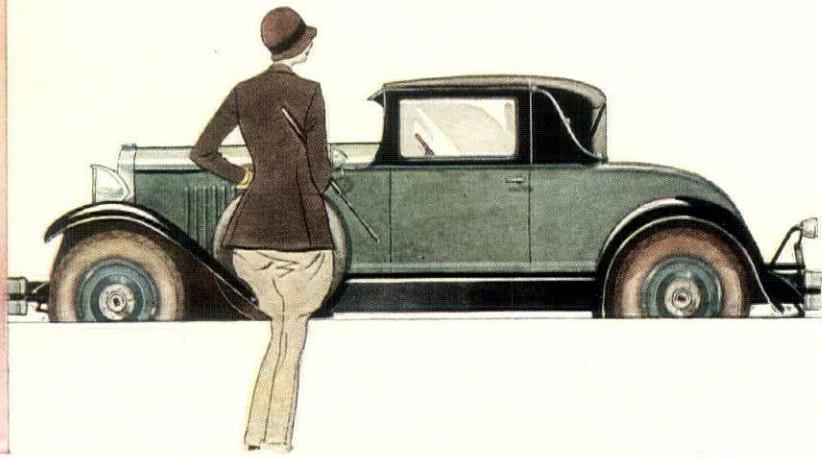
**GENERAL ELECTRIC**  
**Refrigerator**



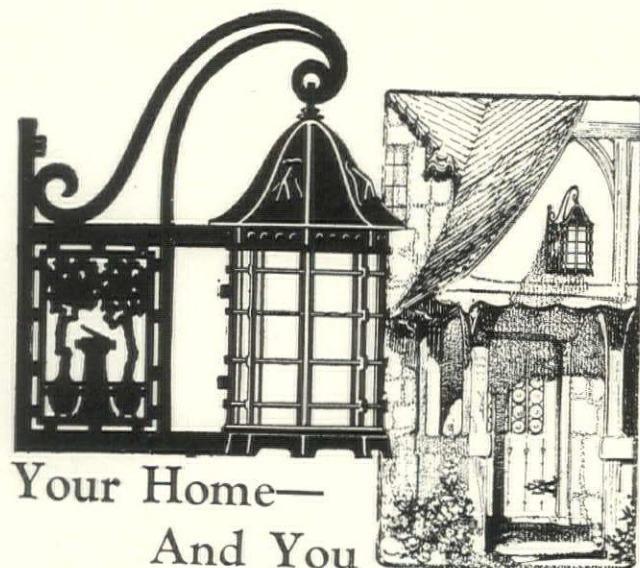
AMONG THE DISTINGUISHED DRIVERS  
OF THE HUPMOBILE CENTURY EIGHT

*Mrs. Markoe Robertson*  
[NÉE CORDELIA D. BIDDLE]

She doesn't like trains, and always prefers to motor. Gervais makes her clothes including the smartest green leather motoring coat to be seen this side of Paris. Usually she drives herself...and then it's a HUPMOBILE, her personal car. Once she drove from her estate, Guinea Hollow Farm, at Old Westbury to New York in forty minutes. To the theatre she rides in a Rolls, a Minerva, or a Renault. And drives it *mentally* all the way, even though the most expert of chauffeurs is at the wheel. She likes her HUPMOBILE because it's as smart as her flat little wrist watch by Cartier, fleet as her fastest hunter, trim as her riding habits by Huntsman.



**SIX  
BUSHEL  
INCINERATOR**  
**\$ only 90**  
**Masonry about \$50  
additional**



Your Home—  
And You

EVERY owner likes to reserve some one phase of his home building or renovating for an expression of his own individualism.

Nothing reflects the individuality of the owner more than the exterior lighting fixtures.

Smyser-Royer fixtures offer you the opportunity of perpetuating yourself in Your Home.

Lamp Posts

Lanterns

Brackets

**SMYSER-ROYER COMPANY**  
YORK, PA. and PHILADELPHIA



THE Basement-Fed Kernerator for the home already built, costs but little more than the portable gas-fired incinerator of half the capacity and provides abundant room not only for garbage but broken-up boxes, cartons, tin cans and other rubbish which nothing less in size can conveniently handle.

The savings in gas pay for it in a few years' time. The large ashpit requires cleaning but 3 or 4 times a year and because masonry cannot rust or burn out, the Kernerator lasts as long as the building.

#### Chimney-Fed Model

— with handy hopper door in or near the kitchen on floor above, uses absolutely no fuel. An occasional lighting (a match does it), burns the air-dried accumulation and the discarded combustible waste is the only fuel needed. Tin cans, bottles, etc., are flame-sterilized for removal with the ashes. The Chimney-Fed Kernerator should be in the plans—can seldom be installed in an existing building.

Write for booklet "The Sanitary Elimination of Household Waste."

KERNERATOR COMPANY  
Offices in 89 Cities  
725 East Water Street Milwaukee, Wis.

**KERNERATOR**  
INCINERATION

**Garbage  
and Waste  
Disposal**  
for New and  
Existing  
Buildings



**Kaustine**

• SEPTIC •  
TANKS

ARE MADE OF

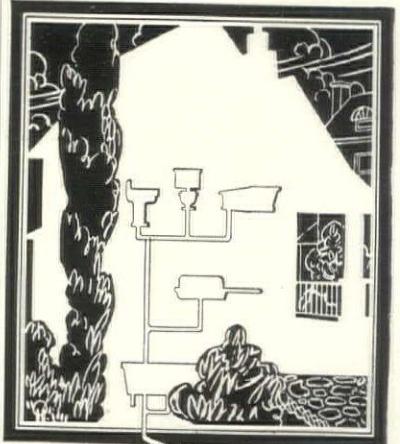
**ARMCO  
INGOT  
IRON**

A VERY DEFINITE REASON  
WHY THEY ARE BETTER

EVERYONE knows that Armco Ingot Iron is the purest iron made—the longest lasting, most rust resisting of all materials for the construction of septic tanks. That's why Kaustine Tanks are made of this splendid material—why they outlast the homes they serve—why they give greater value dollar for dollar invested. Yet they cost little or no more than many ordinary steel tanks. There is a Kaustine system to take care of the sewage disposal of the entire home—the bathroom, lavatory, toilet, sink and laundry, and the cost is surprisingly low. Underground, out of sight, these septic tanks are a sound investment in health and comfort.

**Kaustine**

Systems for Sewage Disposal



GET THE FULL FACTS  
USE THE COUPON

It will bring you a free copy of "Scientific Sewage Disposal"—an authoritative treatise that tells you what you want to know about sewage disposal for unsewered districts.

KAUSTINE CO., Inc. 33 Main St. Perry, N. Y.
Send me a copy of the free book "Scientific Sewage Disposal for Country and Suburban Homes."
Name .....
Street .....
City .....

**Burnham Boiler Corporation**

IRVINGTON, NEW YORK  
Representatives in all principal cities of the United States and Canada



## *...and they left their “calling cards”*

TIN cans, a battered banana, half of an egg sandwich, some crumpled comic papers . . . unsightly rubbish, offensive both to you and your guests. But this can be removed as other mementos of the picnickers' visit cannot. Trampled flowers, broken shrubbery and torn lawns can only be restored by time and expensive labor.

Trespassers can be effectively prohibited from the beautiful, inviting grounds of your country estate. And a police cordon is not required to keep them off.

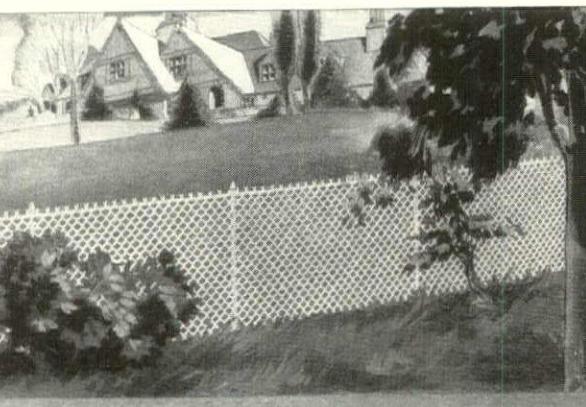
Strict privacy can be gained by enclosing your property with a trim, strong, and unclimbable Anchor Estate Fence.

May we send you one of our catalogs to show you how attractively we have enclosed many well known estates?

In order to assist estate owners in solving their fencing problems and to relieve them of all erection details, we maintain Anchor Sales Offices in 75 principal cities. A 'phone call to our nearest office places our complete service at your disposal.

ANCHOR POST FENCE COMPANY  
Eastern Ave. and Kane St., Baltimore, Md.  
*Consult Telephone Directory for nearest office*

**ANCHOR**  
*Fences*



Watering of newly planted seeds is best accomplished with a sprayer which will moisten the soil slowly, evenly and sufficiently without washing away the seeds

## SOWING AS IT SHOULD BE DONE

(Continued from page 184)

in a mixture of soil and peat-moss, which apparently supplies the conditions needed by both extremes.

Of greater practical importance, perhaps, has been the marked difference shown by the constancy of the moisture supply in the germinating medium. Alternate wetting and drying gives slow or poor germination and checks seedling growth, as compared with a maintenance in the germinating medium of a constant, even moisture supply. Fluctuations in temperature operate in the same way. A medium which tends to maintain an even temperature, regardless of slight variations in the temperature of the atmosphere, is much more suitable than one tending to follow the various atmospheric changes.

And now as to the steps the amateur gardener may take to utilize these facts in his own everyday gardening affairs, so that he may secure a higher percentage of results with such things as he may have attempted to grow in the past, or a satisfactory degree of success with others which he may have considered as being too difficult to attempt.

The first step of all is to determine to which of the three general groups or classes of seeds belong those which are to be started.

The first of these three includes seeds which are ready to germinate immediately or soon after they mature, without any preliminary preparation. In this class belong practically all of the annuals and vegetables and most of the perennials, so it covers the great majority of those seeds which the amateur is likely to be dealing with.

The second class includes seeds with extremely hard shells, or with fibrous membranes about the embryos, which render germination unusually difficult. Many such seeds may be prepared for planting by soaking for twenty-four to forty-eight hours in lukewarm water, or "pre-sprouting" them in moist sand or moist peat-moss until the germ is just ready to start. Hard Sweet Peas and Gladiolus bulbils are examples of the things which may well be handled in this way. Large, hard-shelled seed, like those of Cannas and Lotus, may be slightly cracked with a small hammer, or nicked with a knife blade—taking

care, of course, not to injure the germ.

The third group or type of seeds are those which require a period of after-ripening, as described above. They include mostly seeds of trees and shrubs, the exceptions being species and varieties maturing their seed so early that in Nature they germinate the same season they are produced. The time of flowering is no guide in this respect, as the seed—like those of the Flowering Dogwood (*Cornus florida*) and others, native and horticultural Roses and of the Barberries—may not develop for weeks or even months. If one is going to attempt growing seeds of this class it is well to get specific information concerning the kinds to be grown from the source from which the seed is obtained, or from some organization like the Boyce-Thompson Institute, which has probably done more seed experimentation work than any other organization in the country.

Seed disinfection is so easy and so inexpensive, with the new organic mercury disinfectants already spoken of, that it pays to disinfect as a general principle, whether the presence of any specific disease is suspected or not. For small quantities, all that is necessary is to put a pinch of the dust with the seed in a clean, tight-covered container, such as a wide-mouthed bottle or a fruit jar, and shake them together thoroughly for a moment or two. Any surplus dust may be used over again for another lot of seed. No matter how smooth the seeds, the dust will adhere to them, thoroughly coating the surface. For bulbs, corms and some seed, soaking is better than dusting. The gain in the percentage of germination and the improvement in the vigor of the seedlings—and especially the protection against damping off—make the treatment well worth while even for the protection of ordinary flower seeds.

Granulated peat-moss has proved to be, in many respects, an ideal medium for the germination of seeds. It is sterile; it absorbs more moisture in proportion to its weight and holds it more constantly than any other medium so far discovered; and, being an efficient non-conductor of heat and cold, it is less influenced by temperature changes than soil or sand. More-

(Continued on page 188)



## STAYBRITE NO-TARNISH TISSUES

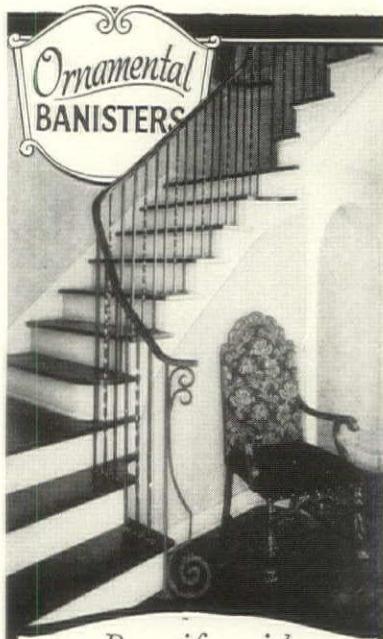
SILVERWARE wrapped in Dexstar Staybrite Tissues will not show the slightest tarnish after long storage. Staybrite is a new, patented discovery that protects highly polished metal or glass against smoke, sulphur or gas-charged atmosphere.

Staybrite Tissues are extra strong, yet velvety surfaced to guard against scratching. Ask your stationer or department store to order Staybrite Silver Wrapping Tissues.

Sample of Staybrite  
(48 sheets, size 20 x 30 in.)  
Mailed to you for \$1.00

Address Dept. No. 5

C. H. DEXTER & SONS, INC.  
Highest Grade Thin Papers  
WINDSOR LOCKS, CONN.

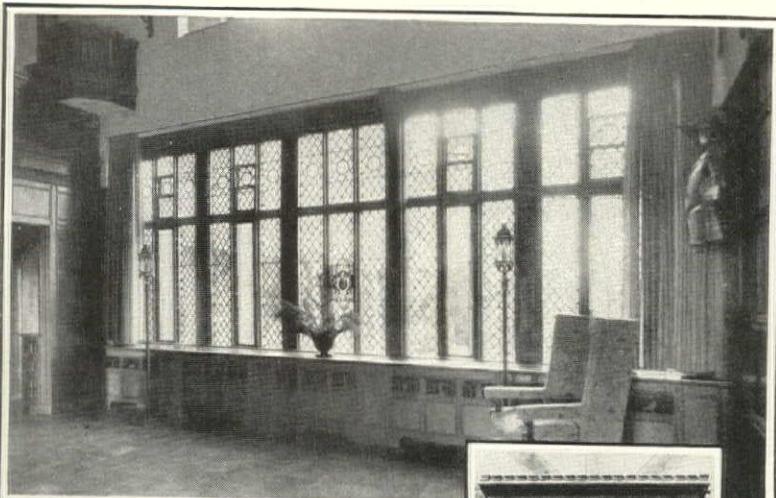


Beautify with  
Iron Railings

WITHOUT any appreciable addition to the cost of any new building, you can add immeasurably to the value by specifying Cincinnati Iron Railings, thus giving a touch of distinction and individuality, and transforming—"just a house"—into one that is "different."

Ornamental iron railings, fences, entrance gates and window guards of attractive, yet modest design, will enhance the beauty of any home. The dominant features of Cincinnati Iron Railings are their attractiveness of design, durability and quality construction. Catalog on request—estimates cheerfully given—orders filled promptly.

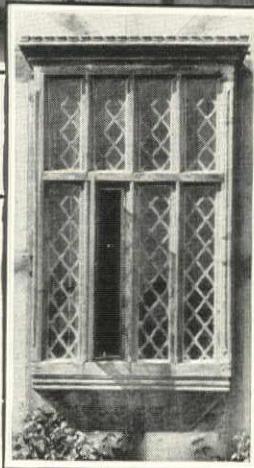
CINCINNATI IRON FENCE CO., Inc.  
3375 Spring Grove Avenue  
CINCINNATI, OHIO



Interior of Great Hall in Agecroft Manor. Originally built in England in 1393. Recently brought to Richmond, Va., in sections and rebuilt for Mr. T. C. Williams. Henry G. Morse, Architect; Allen J. Saville, Inc., Contractor. Insert shows group of narrow casement windows in Agecroft. Screened by Higgin to admit maximum sunlight and fresh air.

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*Enjoy longer Service  
Greater Economy*



**A** NEW and better way of screening your home -- the Higgin Way! Every screen individually designed to blend artistically with your windows, doors and porches -- built to fit as only custom-made screens can fit!

Year after year Higgin All-Metal Screens hold their trim shape and style. No warping. No twisting. No rusting. The frames are unusually narrow . . . and amazingly strong! The mesh, too, is practically invisible -- sunlight and fresh air flood your rooms!

Hinged screens, ready to swing gracefully at your touch; Rolling screens, that roll up and out of sight as conveniently as your window shades; Sliding screens, outwardly so smart-looking, inwardly so strong -- Higgin makes them all, and recommends to you the type best suited to your needs. Good screens are always a real economy -- and in Higgin you have the best!

Right now, before the spring rush begins, is the time to order your screens. The Higgin representative in your locality will give your problem more personal care . . . additional attention! Our booklet illustrates everything. Mail coupon now.

THE HIGGIN MANUFACTURING CO.

Nation-wide Screen Specialists Since 1893

Newport, Kentucky

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# HIGGIN ALL METAL SCREENS

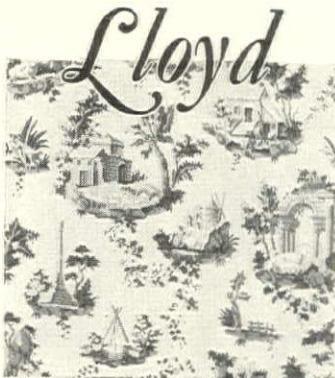


THE HIGGIN MFG. CO., 37 Washington Ave., Newport, Ky.  
Please send books checked  Screen Book  Weather-strip Book

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Street \_\_\_\_\_

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Lloyd imported wallpapers are artistic, durable and "fast to light". Your decorator or dealer should have Lloyd sample books. If not have him write to the nearest establishment listed below.

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NEWARK—4 Walnut Street

CHICAGO—434 So. Wabash Avenue

PHILADELPHIA—1620 Spruce Street  
(JOHN H. WHITWELL, Inc.)

WHEELING, W. VA.—1121 Market Street

(R. C. DANCER, Inc.)

NEW HAVEN, CONN.—290 York Street  
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### Kathryn Murray's 5 Minute-a-Day FACIAL EXERCISES

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## SOWING AS IT SHOULD BE DONE

(Continued from page 186)

over, it does not pack nor bake on the surface no matter how moist or how dry it may become.

The seeds of most acid-loving plants may be germinated in pure peat-moss as it is taken from the bale. For neutral or acid-intolerant varieties, a mixture of granulated peat-moss and fine sifted loam, half-and-half, has proven superior for general purposes. The soil should be neutral or only slightly alkaline reacting, excepting in the case of those few things which are extreme lime lovers. If sandy loam is not available, some sand may be added to the mixture. To have it in the best mechanical condition, it should be run through a sieve of one-quarter inch or finer.

Seeds to be started under glass are usually to be transplanted as soon as possible, and a depth of two to three inches of the rooting medium is sufficient. Wooden boxes of any convenient size, from the ordinary florist's flat, about 13" x 21", to a cigar box, may be employed. Cigar boxes should be thoroughly renailed with small brads to keep them from warping and opening and be provided with half a dozen or so small holes in the bottom for drainage. Earthenware has the advantage of maintaining the moisture supply more evenly. The square seed pan, made for this purpose, is the ideal receptacle for seed germination, but as these are rather expensive and not always available, the somewhat deeper bulb pan, or an ordinary flower pot, may be used.

If some good method of automatically watering the medium for germination can be arranged, the chances of achieving success with difficult seed will be greatly increased.

### AUTOMATIC WATERING

One simple way of doing this is to place the seed pan or bulb pan in an ordinary flower-pot saucer, the bottom of which is kept covered with half an inch or so of water. Where numerous small quantities are to be sown, three- or four-inch pots, containing the seeds, may be placed inside of pots one or two sizes larger, which are packed with peat-moss that can readily be kept saturated. This will maintain a constantly even degree of moisture in the soil.

Panes of glass placed over the flats, seed pans or pots prevent the rapid evaporation of moisture from the surface of the soil, and also create an air blanket which minimizes the effect of atmospheric temperature fluctuations. Too much moisture, indicated by excessive condensation on the under side of the glass, may be controlled by opening the glass a crack at one edge to permit a slight air circulation.

Have the soil in which the seeds are to be planted thoroughly moistened before placing it in flats, pans or pots, and then pack it in fairly tight, leaving a space of half an inch or less below the rim. Pack down the surface with a smooth block of wood, or the bottom of a flower pot. Sow the seed, previously disinfected, in rows two or three inches apart, or broadcast on the surface. Most beginners make the mistake of covering the seed too deeply.

Small seeds need covering barely from sight. Very fine ones—the size of grains of salt or pepper—need not be covered at all but merely pressed firmly into the surface. Larger seeds, like those of Asters or Verbenas, may be covered an eighth to a quarter of an inch deep.

Moisten the surface thoroughly after planting, using a sprayer rather than a watering can.

Hardy seed should be given a temperature 50° to 60° and tender or warm-blooded kinds 60° to 70°. While they will germinate at a lower temperature, it will take longer, and usually the quicker the germination the stronger the seedlings will be.

### AFTER GERMINATION

After germination, it is a mistake to force the growth of the little seedlings by a high temperature, as this results in weak, spindly plants. While the seeds may be kept in the shade, or even in the dark, until they have actually germinated, they should thereafter be given full sunlight; if they have been covered with glass, this should also be removed. A delay of twenty-four or even of twelve hours in transferring them to full light and providing free air circulation may cause serious injury.

Seeds to be started in the open ground may be sown directly in a prepared bed, instead of in flats or seed pans, though the latter are to be preferred for very fine, difficult seeds which need careful handling. A seed bed may be made up, three or four feet wide, and protected by a temporary frame of boards or planks a few inches above the ground surface. Good drainage is most essential. The top two inches of soil, in which the seed is sown, should be prepared in the same way as that for starting seeds under glass. As there is more room, the rows may be spaced three or four inches apart, or even six inches if the plants are to be left for some time before being transferred.

In the open, protection from driving storms is desirable. This should be provided by glass or composition sash, supported on a substantial framework a foot or so above the bed. Seeds sown during midsummer should be shaded until they are well up; lath screens are used for this purpose. Perennials and rock plants may be sown late in the autumn and left in the frames over winter, to germinate in the spring. Excelsior makes a good winter covering or mulch under such conditions, as it protects the surface but will not pack down and stay wet. It is easily removed in March or April.

The watering of seedlings, no matter when or how they are started, should be done with great care. Try to water always early enough in the day so that the soil surface and foliage will dry off before night.

As soon as the little seedlings have grown sufficiently to crowd they must either be thinned out or transplanted. Many a batch of valuable seedlings has been nursed carefully through all the dangers of germination and earlier growth, only to be allowed to ruin each other by overcrowding.



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Winter Lingers*

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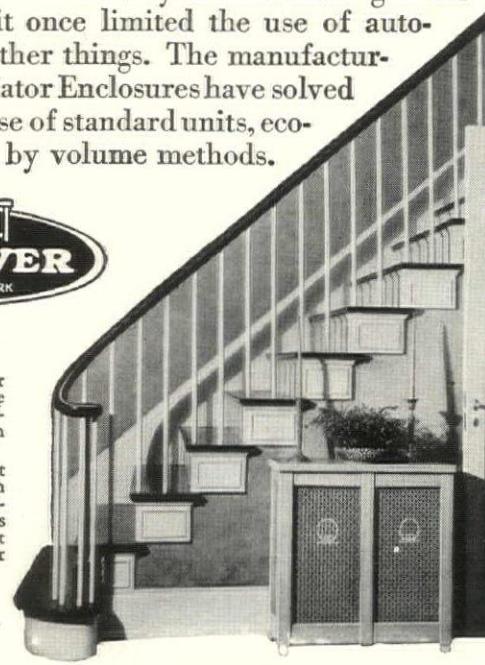
**MORTON**  
MEDICINE CABINETS

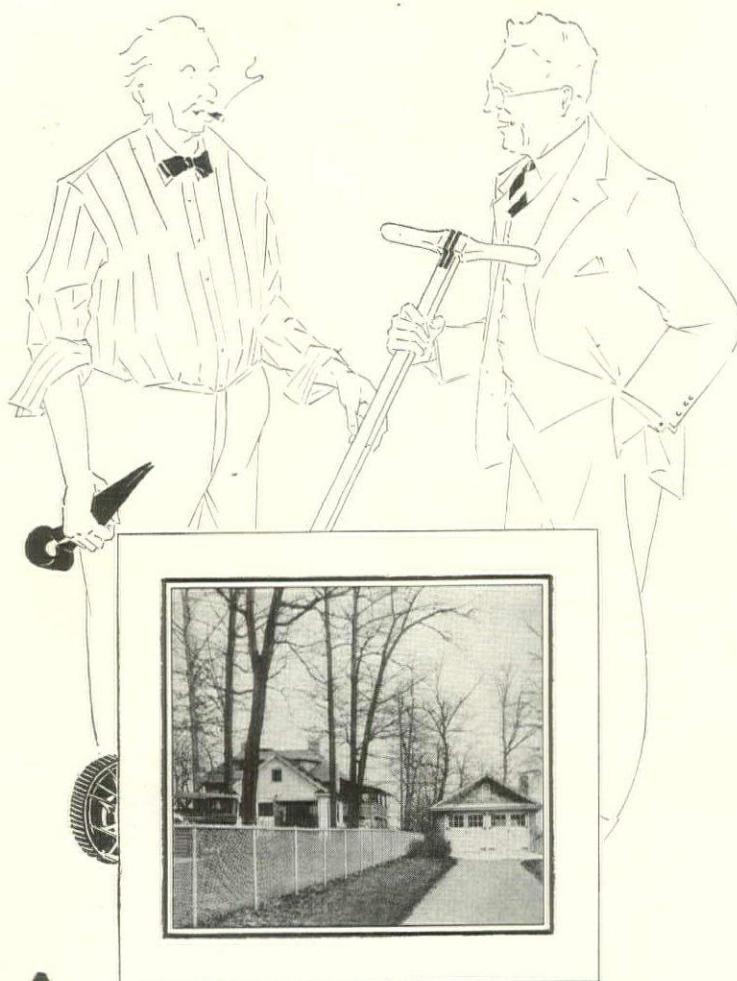
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**WICKWIRE SPENCER**  
*Chain Link Fence*



The true Baby Primrose is *P. forbesii*, from China. It is a notably delicate, dainty sort that with us does best under greenhouse cultivation

## PRIMROSES FROM FOREIGN LANDS

(Continued from page 124)

Primroses in *P. sinensis*, *P. obconica*, *P. malacoides* and dainty *P. forbesii*. From remote Afghanistan came the charming yellow-flowered *P. floribunda* which, mated with its Abyssinian friend, produced the popular yellow-blossomed *P. kewensis*. The Alps of Europe are begemmmed with Primroses, but the real wealth of the family occurs on the mighty ranges which separate China from the plateaus of Thibet. From this treasure trove during the last three decades a hundred new Primroses have been sent to grace western gardens. Not all have made themselves at home but among those who have are to be found some of the finest members of the whole Primrose tribe.

In China one lovely Primrose (*P. calciphila*) grows on the limestone cliffs of the world-famed Yangtze gorges, where the climate is almost tropical. In early spring vertical cliffs in many places are alight with the blossoms of this plant which, to insure that its seeds are not swept away, bends its flower stalks back and forces the fruits into crevices. Beneath, in wet grassy places, grows *P. obconica*, a puny thing indeed when contrasted with its offspring grown in our greenhouses today.

In wet woodlands of western China, where Oak and Beech and Maple grow, thrive many moisture loving Primroses including sorts with deep blue flowers, such as *P. ovalifolia* and *P. davidii*, neither of which have we succeeded in growing in gardens. It is, however, in the Alpine regions of the Chino-Thibetan borderland that the Primrose family reaches its greatest exuberance, not only in variety of species but in hosts of individuals. On the edge of shrubberies in Alpine meadows, on rock screes to the very edge of the glaciers themselves, species upon species bejewel mile after mile with scented flowers of every hue. The plants themselves may not be more than an inch tall while others boldly throw up flower scapes a yard high. Between these extremes there is every intermediate height. No situation is without its Primrose and though imagination may help the reader the picture must actually be seen in order to be really understood.

It has been my good fortune to have tramped for days across these Alpine regions, revelling in the wealth of color presented, and to gather quite a number of Primroses for our garden. It was pleasant and enjoyable work, for each new find had a charm of its own. Looking backward, however, and appraising the garden value of different plants, I now think that no Primrose in all the world is fairer or more lovely than the common *P. vulgaris*, which bedecks moist copse, thickets and sloping banks throughout most of northern Europe.

In habit, form, color and scent Primulas have a charm all their own, a charm which increases the more they are studied and one which no familiarity can diminish or render stale. Their beauty lies open and appeals to all sorts and conditions of men.

Mother Nature has been niggardly toward us in her gift of native species, but we can, none the less, draw upon other countries for our gardens. Indeed, no true gardener can afford to neglect the cultivation of Primroses, for their varying hues impart a charm when color is most needed. Quite apart from their beauty they have also a claim on the gardener's skill on account of the diversity of treatment to which they lend themselves. In sun or shade, in the rock garden or in the flower border, they are at home and equally attractive.

When we consider the main uses of Primroses in our garden we find that they fall into three groups; namely, those best suited for borders, those for the rock garden and those for the boggy ground. The border kinds comprise chiefly the Border Auriculas and the Common Primrose of Europe and its diversified progeny, which include the well-known Polyanthus or Bunch Primroses, the Old Florists or Lace Polyanthus and Double Primroses. They all agree in preferring a soil of light loamy character with some leaf mold and a place where they are never dried up and where they can have at least partial protection from the strong glare of the sun.

All the forms of the common Primrose, be they double or single, pale yellow or bluish purple, solitary (Continued on page 192)



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INDICATIVE of the many beautiful home decorations bearing the Old Castle mark is the imported brass lamp shown above. Hand pierced, hand chased shade, sheds a soft but ample light. Also suitable for executive's desk. Sold by leading electrical dealers, decorators, and department stores. Write to us for name of Old Castle dealer nearest you.

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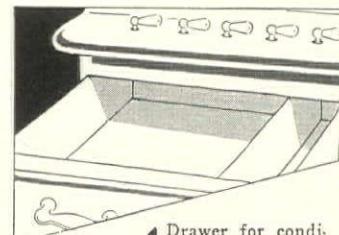
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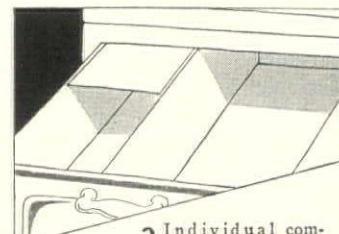
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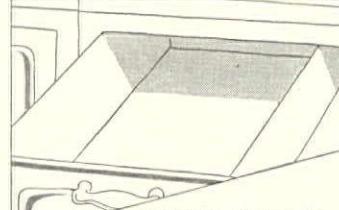
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## PRIMROSES FROM FOREIGN LANDS

(Continued from page 190)

or bunched, demand a good rich soil and though they do not object to sun they must not be parched. Cowdung is the best fertilizer with which to enrich the soil for these plants. Their essential requirements may be summarized as plenty of air, partial shade, abundance of moisture in spring and summer and a situation where the drainage is good. Generally speaking, it is best to divide these plants annually, though in rich soil the plants may stand for a couple of years.

Border Auriculas enjoy a rather stiffer soil and especially one which contains chalk. Among the more showy and easily grown sorts are some large-flowered forms having yellow and brown-bronze blossoms with a white eye. While these do well in a border they succeed better in little pockets and dells in the rockery. For Primroses in a rockery, loam and leaf mold with plenty of sand are a good mixture. A good number of the Alpine sorts, however, benefit from having a liberal admixture of grit or broken stone in which to grow. For the meadow or bog sorts the soil described for the Common Primrose is first-rate, the essential difference being that these demand an excess of moisture at the roots but not moisture that stagnates about them.

### ROCK GARDENS

For the rock garden there is an immense number suited for wet or dry nook and cranny. Here can be accommodated those brilliant gems that delight in alpine conditions and which give so much color to the Alps of Europe, to the Himalayas and to the alpine regions of the Chino-Thibetan borderland. Many of these are exceedingly difficult to grow and none more so than the Nivales group, of which *P. nivalis* itself is a fitting representative. These haunt the limits of vegetation on the higher mountains of the Chino-Himalayan region, growing where blizzards may happen at midsummer and where the snow is absent from the ground only for at least two months. They grow among rocks or in glacial detritus and are furnished with roots that have contractile properties which serve to anchor them firmly in the ground. Their leaves, usually oblong and wedge-shaped and covered with a white bloom, are arranged in neat rosettes; the flowers on scapes from three to ten inches tall are usually of good size, fragrant and of delicate shades of lavender-purple to nearly blue. No group is more lovely and none more sorely tests the cultivator's patient skill. There is quite a number of species, all beautiful and bearing outwardly a close resemblance one to another. Among the best are *P. purpurea*, *P. sinonivalis* and *P. knuthiana*. Would that some one had a garden high up on Mt. Washington where he could indulge in these wayward mountain elves.

The most handsome of the various tribes of hardy Primroses and one of fairly easy culture is the Candelabra group, so named because the flowers are arranged tier above tier on the stem, often as many as nine or

ten tiers being superimposed on a scape a yard high. These are all plants of moist meadows where rich soil prevails and where they never know drought. They are well-suited for planting along the side of a ditch or streamlet that feeds the rockery or wanders through the wild garden or woodland glade. The best known, perhaps, is the old *P. japonica*, of which the years of cultivation have given us good white and lilac-colored forms. More handsome, with its scapes taller and covered with white meal, is *P. pulverulenta*, which I discovered in western China a quarter of a century ago. Where I first found it, it grew on the edge of cultivation and on wet grassy slopes. I came upon it suddenly and thought I had never seen a more beautiful Primrose. Some of the scapes were three feet tall and bore eleven whorls of flowers each nearly an inch across and of varying shades of rich red to crimson. Under cultivation white and lilac-colored forms have originated. A few weeks afterwards in the alpine meadows around Tachien-lu I gathered *P. cockburniana* with orange-scarlet flowers, a color unique and ravishing. These two species have been mated and the result is a progeny of wonderfully beautiful Primroses, good natured, easily cultivated and perfectly hardy at least as far north as Massachusetts. Later, George Forrest collected the red-purple flowered *P. beeisana*, *P. bulleyana* with more or less orange-yellow blossoms and the glorious *P. helodoxa*, a vigorous grower producing whorls of dark rich yellow flowers. This is the group that I would urge upon Primula growers who have moist shady places. As I write I have in mind a narrow glade stretching for nearly a mile with a little streamlet meandering through the center and here at least a million of the Candelabra Primulas revel.

### A VIGOROUS TYPE

One of the very first plants of which I collected seeds in China was a Primrose. This was in October twenty-nine years ago. In the course of time the plants flowered and proved to be a new species. It was called *P. wilsonii* and is the first plant that was named in compliment to me. This is a vigorous fellow with flower scapes two and a half feet tall, bearing six to nine whorls of reddish purple, sweet scented, inch-broad flowers. It is essentially a plant for the margin of a stream where it can enjoy abundant water but where there is good aeration. The same conditions are applicable to the whole group to which this particular species belongs. For similar situations the lovely and delightfully fragrant Sikkim Cowslip is to be recommended, together with its Chinese relatives, *P. pseudosikkimensis* and *P. florindae*. These have scapes a foot or two feet long crowned with a cluster of soft yellow blossoms. Related to them, with red-purple flowers and white striped calyx, is *P. vittata*, another alpine species from western China.

For a loam-clad rock or pocket in  
(Continued on page 200)

# A new style is flourishing underfoot



**S**MARTNESS has come to floors! There's color to chime in with the modern vogue—pattern for the same reason. Everywhere women are going in for the new style in floors—giving their enthusiastic approval to the smart patterns in Sealex Linoleums.

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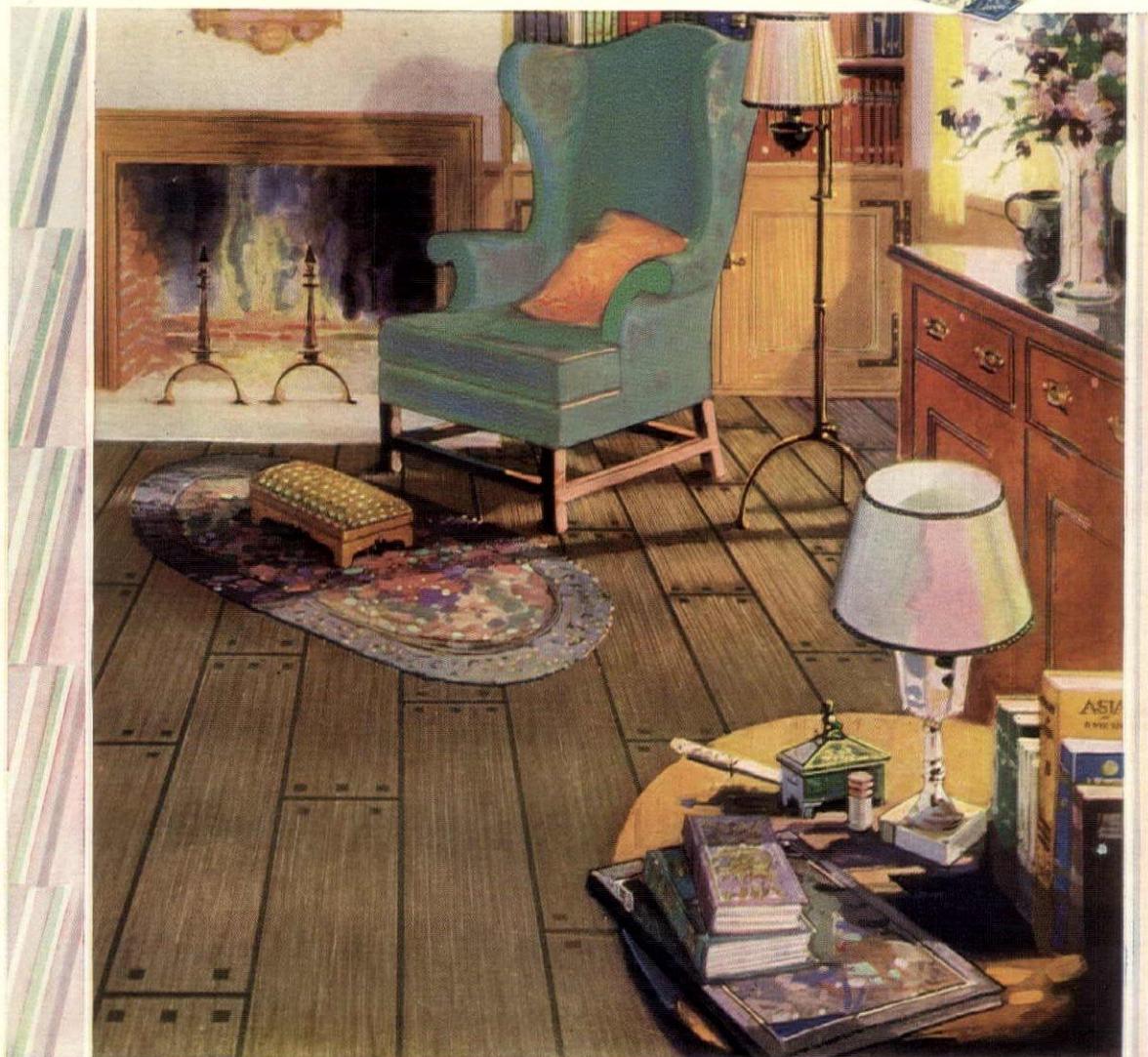


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 **D**O you delight at the sight of rare, old pewter... do you cherish grandmother's slat-backed sewing chair... do you love the simplicity of all things Colonial? If you do, you are sure to like the new "Mayflower" design in Sealex Linoleum. For it brings back in modern linoleum the spirit and quaint charm of the hand-hewn wood floors of our ancestors.



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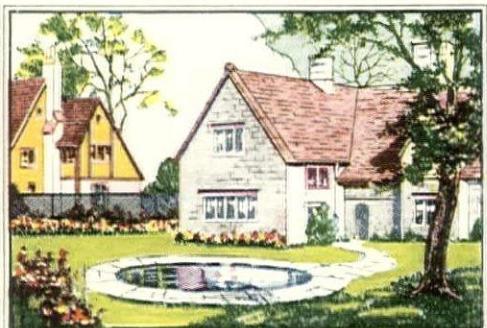


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Enclose your home with Cyclone Fence. Appropriate styles for city and suburban residences and estates.

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# Garden Aristocrats! Last Minute Novelties and Recent Introductions!

## SCHLING SPECIALTIES for 1929

### Do You Know This Secret?

*GREEN PEAS, and plenty of them, from June to August—if you follow the simple directions.*

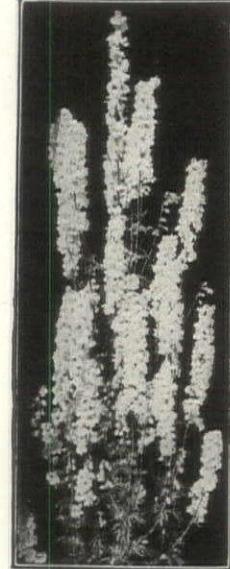
Plant this collection of 6 choice varieties all at once this Spring, just as soon as the frost is out of the ground—and they will mature in the order named—producing a steady procession of big, mouth-watering crops from about June 20th till late in August.

The reason for this is evident. Peas must develop their roots in cool weather and so are able to supply sufficient moisture to leaf, flower and pod as they rapidly multiply under the summer sun. On the other hand late planted peas are almost always a disappointment, as every experienced gardener knows.

### OFFER A2

*Novelties of 1929! Absolutely New!*

A \$10.05 value for \$9.00



Mammoth Column Larkspur—New form and size, rivaling the Delphinium in columnar beauty.

whose extremely broad petals tinge gold. Hardy. 50¢ a pkt., 5 pkts. for \$2.00

Carnation, Earliest Dwarf Vienna, Othello—Dark, velvety crimson of richest texture. Very early, profuse blooming and fine for cutting. A magnificent carnation! ..... 75¢ a pkt., 3 pkts. for \$2.00

Giant Branching Larkspur, La France—Extremely long, delphinium-like spikes and extra large individual double flowers, closely set along the stalk. ..... 50¢ a pkt., 5 pkts. for \$2.00

Scabiosa Caucasica, New Giant Hybrids—with flowers a third larger than the well-known Caucasica, heavier petals and beautifully ruffled and fringed in colors ranging from white to dark blue. 75¢ a pkt., 3 pkts. for \$2.00

Coreopsis, Mayfield Giant—A new Australian strain. Taller and more vigorous plants with longer, firmer stems and larger individual flowers form a perfect corolla of rich, glistening gold. Hardy. 50¢ a pkt., 5 pkts. for \$2.00

Calendula, Campfire—A rich, glowing, brilliant orange with scarlet sheen. A distinct new type. The flowers, while large, are very flat and have not the heavy appearance of the regular calendulas. 35¢ a pkt., 3 pkts. for \$1.00

Coreopsis, Bignoniaeflora—Perfect trumpet-shaped flowers of rich, glowing yellow radiating from its velvety brown center, giving the effect of flower clusters rather than an individual bloom. 50¢ a pkt., 5 pkts. for \$2.00

Adonis Aleppica—Very brilliant, deep blood-red flowers, cup-shaped and measuring 3 inches across, four times as large as those of the well-known Flax Adonis. Light, feathery, cosmos-like foliage. Especially effective in beds and borders. ..... 35¢ pkt., 3 pkts. for \$1.00

Anchusa, Annual Blue Bird—Bears large umbels of vivid indigo blue, forget-me-not-like flowers, in luxuriant bouquet on 18-inch stems. ..... 50¢ a pkt., 5 pkts. for \$2.00

Zinnia California Giant, Miss Willmott—Flowers of the most delicate of salmon-pinks. A great acquisition. 50¢ a pkt., 5 pkts. for \$2.00

Zinnia Lilliput, Salmon Rose—Offering the exquisite salmon-pink color in the lovely miniature or Lilliput type. Plants grow one foot high. Very charming in borders and edgings. 25¢ a pkt., 5 pkts. for \$1.00

Asters, Improved Giants of California—Blooms measure 5 to 6 inches in diameter, packed to the center with long, lacy petals most artistically placed. Stems often 30 inches long. The collection of 6 colors ..... \$1.75

**Sowrite Seed-Sower**  
Sows Seeds at a Touch!

Enables the amateur to sow all fine seeds, such as in the Offers above, with the skill of the professional. Saves time, labor and seeds ..... \$1.00



### OFFER A3

*Schling's New Giant Pansy*

MRS. PIERRE S. DU PONT

Neither words nor artist's brush can portray this new Pansy in all its loveliness. It is a rich, pure golden apricot, blushed with salmon—a glorious June dawn—pure without even the faintest trace of the usual center lines to mar its beauty. This is an entirely new and most distinct color in Pansies, forming a stunning contrast and perfect complement, especially to the purple varieties. It is a true giant in size, carried on long, strong stems, and the flower petals have great substance and are perfectly placed. The plants are astoundingly vigorous, blooming most profusely right through the season. A bed of it is one of the most delightful of spring garden pictures. Single pkts., \$1.00; 6 pkts. for \$5.00; 12 pkts. for \$9.00

### OFFER A4 Schling's New American SNAPDRAGONS A \$12.00 Value for \$9.00



Indian Summer

### 100 GLORIOUS GLADIOLI \$4.00

OFFER A5 Choicest Mixture—including all the latest and most beautiful varieties such as the lovely Primulinus or Orchid Gladioli, running a gamut of subtle pastel shades from ivory yellow to an iridescent bronze such as mark the finest nasturtium collections. Start planting April 25th and every 3 weeks thereafter to July 15th and enjoy a long processional of beautiful bloom—

A \$7.00 Value for only \$4.00 or 50 bulbs for \$2.25

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A6  A7  A8  A9  Sowrite  "Book for Garden Lovers"   
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### OFFER A1

*Schling's*

**"Long Season" Pea Collection**

Schling's Pedigree Extra-Early, 2½ feet. The earliest Pea grown; large, well-filled pods.

Grass of Prosperity, 3 feet. An early fine wrinkled Pea of delicious flavor.

Sutton's Excelsior, 1½ feet. The most productive dwarf medium-early wrinkled Pea; very sweet.

Dwarf Champion, 2½ feet. An enormous cropper. Broad pods, very sweet.

Improved Telephone, 5 feet. Enormous pods, filled with Peas of the finest quality.

Heroiné, 4 feet. Pods are large, deep green, somewhat curved; tender Peas of finest quality.

1—½ lb. each of all 6 varieties, 3 lbs. in all ..... \$1.75

2—1 lb. each of all 6 varieties, 6 lbs. in all ..... 2.75

3—2 lbs. each of all 6 varieties, 12 lbs. in all ..... 5.00

For once—all the green Peas you want; buy this collection. Delivered free within 300 miles. Beyond, add 5¢ per lb. for postage.

### OFFER A6

*Extraordinary Value—Schling's*

**"Get Acquainted" Collection**

A \$3.25 Value for \$1.00

Schling's American Beauty Aster—Gigantic flowers, 7 inches across, 3 ft. stems, same color as American Beauty Rose. ..... Pkt. 35¢

Schling's New Orange Glory Calendula—Perfect form. Very double. ..... Pkt. 25¢

Schling's New Annual Double Fringed Hybrid Chrysanthemum—Charming color range, attractive in garden and vase. ..... Pkt. 15¢

Schling's Semi-double Crested Cosmos—Giant Size, double rosette-like center. ..... Pkt. 25¢

Schling's New Hybrid California Poppies—Many lovely new shapes. ..... Pkt. 25¢

Schling's New Giant Hyacinth Flowered Larkspur—Excell in length of stems, size of flower spikes and general vigor. ..... Pkt. 35¢

Schling's New French Marigolds—Rich brown, blotched on brilliant scarlet. ..... Pkt. 25¢

Schling's New Erysimum, Orange Beauty—Orange yellow, wall-flower-like spikes. Fragrant. ..... Pkt. 25¢

Schling's New Giant Early Flowering Pansy, World Record—Immense flowers on long stems. Blooms March to December. Pkt. 25¢

Schling's New Marvelous Dahlia-Flowered Zinnia—True aristocrats. Flowers 6 to 7 inches, like huge dahlias. ..... Pkt. 40¢

### OFFER A7

*Montbretias*

whose flower clusters, in exquisite pastel shades ranging from pale yellow to deep orange, hang like golden stars on long, slender, wiry stems, have all the airy grace of the orchid Odontoglossum. Plant the bulbs in April and May, 3 inches deep and enjoy them all season. Easily grown. 25 Bulbs for \$2.00; 50 for \$3.75; 100 for \$7.00

### OFFER A8

*Giant French Poppy Anemones*

Marvelous poppy-like flowers in wonderful color combinations. Blues with white bases; pink with blue bases. Cream and apricot shades in endless profusion. Truly a gem of the first water! Plant bulbs in May, 3 inches deep.

25 Bulbs for \$3.00  
50 for \$5.50  
100 for \$10.00

### OFFER A9

*At Last! A Perfect Weed Killer!*

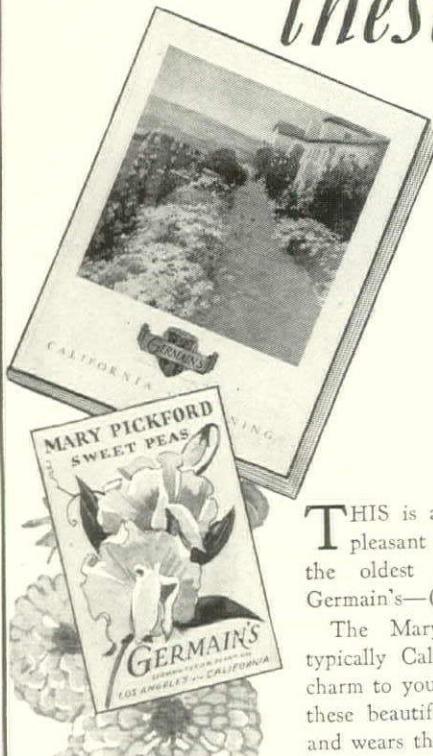
**DANDO KILLRITE**

No stooping—no grubbing!—Destroys dandelions, poison ivy, and all other noxious weeds easily and quickly by depositing a small quantity of the Killrite chemical at the heart of the plant. **Absolutely non-poisonous and harmless to all animal life, hands and clothing.**

Dando Killrite \$5.00 each  
Killrite Filler .60 a can  
Both for \$5.50



# Please Accept these Gifts from California



One Special Packet of Beautiful Mary Pickford Sweet Peas and a copy of one of the Finest Seed and Plant catalogues published in America.

THIS is a get acquainted offer. It is a pleasant method of introducing to you the oldest seed house in California—Germain's—(since 1871).

The Mary Pickford Sweet Peas are typically Californian and will lend a rare charm to your garden. Miss Pickford grows these beautiful blooms in her own garden and wears them at formal parties. Thus they have been given her name—a mutual compliment to America's sweetheart and the flowers themselves.

#### "California Gardening"

The catalogue is just what you have been wanting. It is entitled, "California Gardening" and contains 64 beautifully illustrated pages of garden offerings direct from Germain's famous trial growing farms—the horticultural headquarters of the West. Many nurserymen, who have seen this catalogue, say it is the best that has yet been published in America.

#### Act Now for a Beautiful Garden

Don't delay in taking advantage of this "get acquainted" offer. Germain's wants you to know them. This means a more beautiful garden this Spring—a California garden—filled with healthier, more beautiful blooms—the kind that friends admire and for which Germain's are famous!

Simply send the coupon—now  
—before you turn the page.

## GERMAIN'S

SIXTH AND MAIN—LOS ANGELES

The Horticultural Headquarters  
of the West since 1871

GERMAIN'S  
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Los Angeles, California.

Gentlemen: Please send me, without charge or  
obligation, 1 special packet of Mary  
Pickford Sweet Peas and the 1920 de  
luxe edition of "California Garden".

Name \_\_\_\_\_  
Address \_\_\_\_\_



*John Russell is a descendant of Frau Karl Druschki—without fragrance but with large, splendidly formed blooms of velvety crimson, maroon and cerise*

## THE HYBRID PERPETUALS

(Continued from page 91)

often their names have been lost) one may act according to the growth made the previous years. If the blooms are allowed to fade on the plant, they must be cut off as soon as possible with long stems, as they would be for bouquets. The eyes on the remaining part of the stems will, after a short rest, start to grow and a second crop of blooms may be expected later in the summer or autumn. Some varieties will truly be perpetual if "remaidened" each year, which means cut back to the ground and made to grow an entire new or maiden plant.

Last summer it was my good fortune to visit Monsieur Cochet, the fifth generation of the great Cochet dynasty of Rose hybridizers and scientists (Cochet the First helped Empress Josephine in establishing her historical Roserie at Malmaison) at his estate of Coubert, about thirty-five miles west of Paris. He took me around to see great fields of Roses grown for the cut flower market of Paris. In that immediate vicinity are over 750 acres owned by 160 independent owners with a selling organization. They grow Hybrid Perpetuals only, and on August 3rd they were still cutting large quantities of Roses as beautiful and perfect as any grown here under glass—and this had been going on daily since the middle of May.

Walking through those fields, I was surprised to see what I thought to be young maidens (first year growth from buds inserted the previous summer). When I asked one of the owners whether these were new plants, he said to my amazement, "This field was planted by my grandfather thirty years ago and but very few plants had to be replaced." Calling one of the working men, he had him dig around a plant and then I saw a stump several inches in diameter! He explained that each year, in the middle of March, the plants are "mowed" close to the ground; they then grow many new

stems three or more feet long ending with splendid flowers; these are cut with half or three-quarters of the stems, two eyes below the cuts again sending flower-bearing long stems. I commented on the absence of those long sterile suckers we generally see on Hybrid Perpetuals in midsummer, and my host replied, "The plants are kept too busy blooming to waste their energy on suckers".

This particular field was of Ulrich Brunner. Other varieties doing splendidly and "perpetually" under the same treatment were: American Beauty, Baroness Rothschild, Captain Christy, Duchess of Sutherland, Georg Arends, George Dickson, Gloire de Paris, Mrs. John Laing, Suzanne Marie Rodoconachi, Triomphe de Caen, Vick's Caprice, Victor Verdier. Among the newer ones, Henry Nevard, John Russell, S. M. Gustave V. and Mme. Albert Barbier. I was also told that budded plants only respond to such treatment.

Climatic conditions are also a factor in the recurrence of Hybrid Perpetuals, and where the summers are short, some varieties will hardly have time to reach the second blooming, but in such regions many Hybrid Teas do not fare much better.

The vigorous varieties such as J. B. Clark, Magnafrano Frau Karl Druschki, Hugh Dickson, etc., will make splendid pillars seven or eight feet high, although when treated in this fashion they are not likely to repeat as much as when short pruned. However, the effect obtained when planted at short intervals along a driveway will help excuse their sluggishness after that brilliant June outburst. The same pillar treatment may be applied to some hybrids of Rugosa, so hybridized that the Rugosa features are much obliterated and the Hybrid Perpetual characters have become predominant: Conrad F. Meyer, Nova Zembla, Turke's Samling, Nemo, (Continued on page 206)

# THE LITTLE KITCHEN GARDEN

*Now you can have the one you've always wanted, right at your door, by erecting only a few feet of lovely Dubois to give the needed privacy.*

**D**HERE'S a delightful surprise in store for the woman who thinks she must move to the country in order to have a little garden of her own.

Right at her door—wherever there's a bit of tillable ground—is a potential garden just as secluded and private as she has ever dreamed of.

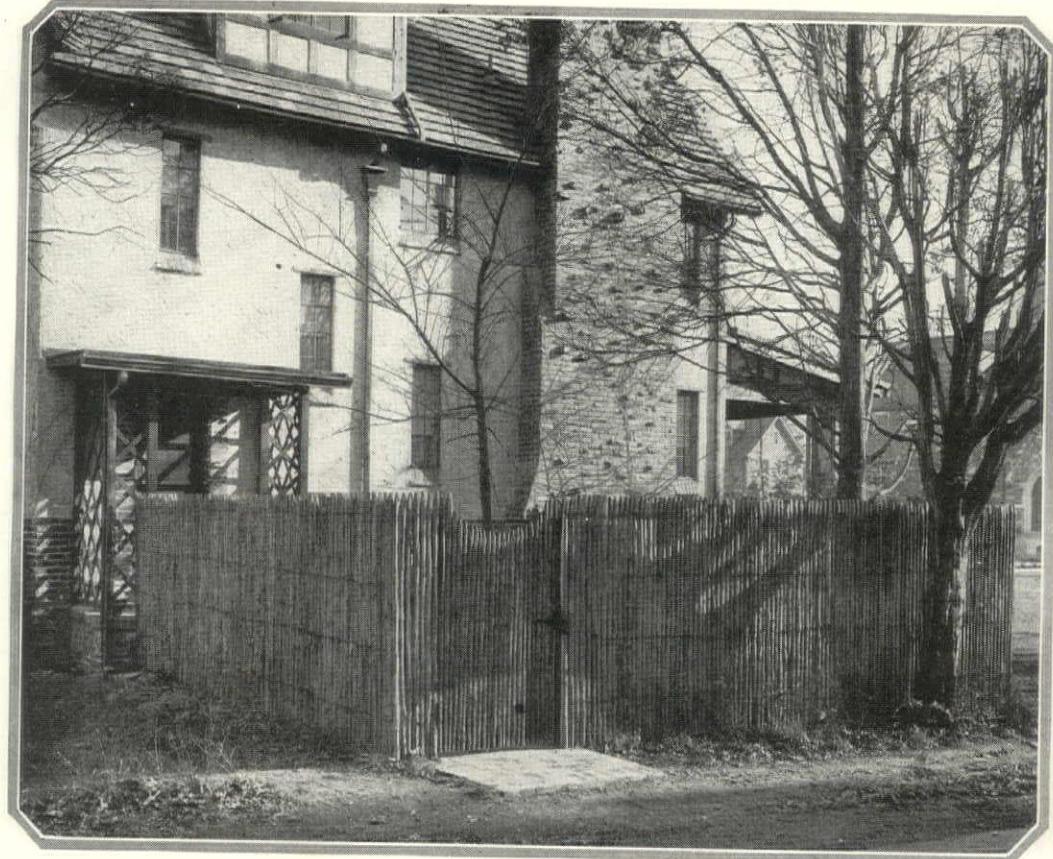
All that's needed is a few feet of Dubois, the lovely rustic barrier that has made the gardens of France veritable havens of privacy for many years.



*What peace of mind to have a place where your children may play, safely sheltered from passing motor cars and trespassers!*

ROBERT C. REEVES CO.  
101 Park Avenue, New York  
Please send me your free catalog of Dubois with illustrations of its many uses, and prices.

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It is a beautiful fence in itself, and it gives a service that ordinary fencing cannot duplicate. Strong, unaffected by weather conditions, it lasts a lifetime. Vines cling to it easily and need never be torn down for painting as Dubois requires no upkeep care and is *rustproof*. It is easy to erect and your neighbors will be quick to welcome it, so charming and friendly is its quaint appearance.

Dubois is used today all over this

country, and in a multitude of ways; as a boundary for large estates; in formal gardens; to screen suburban service and laundry yards; and for transforming city backyards and roof gardens.

Its various applications and charming effects are beautifully illustrated in a new catalog, sent free on request. Simply fill the coupon below and mail to Robert C. Reeves Co., Sole Importers, 101 Park Avenue, New York, N.Y. (Formerly at 187 Water Street.)

*There is only one Dubois; it is made by hand in France of split, live, chestnut saplings woven closely together with heavy, rust-proof Copperweld wire. It comes ready to erect in sections 5 feet wide, and in three heights: 6 feet 6 inches, 4 feet 11 inches, and 3 feet 10 inches, with quaint gates to match.*

## DUBOIS Woven Wood Fence

MADE IN FRANCE

*See the Dubois exhibits at leading Flower Shows:*

CHICAGO  
February 23rd to March 3rd

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March 11th to 16th

BOSTON  
March 19th to 23rd

BUFFALO  
April 6th to 14th

## GARDENING GUIDE

(Continued from page 131)



## One of Totty's New Roses

—For connoisseurs, of course, who wish medal winners and rare sorts. Lady Margaret Stewart was awarded the Gold Medal of the National Rose Society of England, and also was the Gold Medal winner at the Bagatelle in Paris, 1928 International Competition. Color ranges from sunflower yellow through cadmium orange. Long buds; sweetly fragrant. See catalog for color illustration and full description. Each \$2; dozen \$20.

Rowena Thom, Duchess of Athol, Marion Cran, and other new sorts are described in our 1929 catalog. Many are pictured. Prices range from \$2 to \$3 per plant; \$20 to \$30 per dozen.

TOTTY'S BEST DOZEN, a dependable collection which grows well anywhere, includes such favorites as *Souvenir de Claudius Pernet*, *Madame Butterfly*, *America*, etc. One collection makes a good rose bed; two or three collections will make a rose garden. Guaranteed to give satisfaction. Price \$10 for each dozen strong plants.

### TOTTY'S 1929 CATALOG

describes and illustrates most good perennials. Special sections devoted to Roses, Delphiniums, Rock Plants, Chrysanthemums, etc. More than a hundred well illustrated pages, with 46 color plates. If you have not received a copy, please send us your name and address.

*Totty's*

Allison Road  
Madison, New Jersey

### SPRING BLOOMING

EVERGREEN SHRUBS	DECIDUOUS SHRUBS & TREES	VINES	PERENNIALS	ANNUALS	BULBS
<i>Daphne cneorum</i>	Azalea (various)	PERENNIAL	Alyssum	STARTED PLANTS	Tulips
Shortia	<i>Daphne mesereum</i>	Honeysuckle	Aribis	Pansies	Narcissus
Andromeda	Starry Magnolia	Wisteria	Aubretia	English	Hyacinth
Rhododendron (Catawba & Carolina)	Jap. Quince	Jasmine	Dicentra	Daisies	Crocus
Drooping Leucothoe	Redbud ( <i>Cercis</i> )	Anemone	Iberis	Alyssum	Snowdrops
	Dogwood (various)	Clematis ( <i>C. montana</i> )	Iris ( <i>pumila</i> and others)	Phlox subulata	Grape
	Rose	Akebia	Primulas	Agave	Hyacinths
	Hugonis Flowering Cherries, Plums, Almonds, Peaches, etc.	ANNUAL	Saxifrage	Petunias	Chionodoxa
	Forsythia and many others	Cardinal Climber Moonflower Morning-glory Japanese Hop Purple Bell ( <i>cobaea</i> ) Hardy Pea (latest)	Viola	Wallflowers	Scillas
				QUICKEST FROM SEED	Fritillaria
				Clarkia	
				Phlox drummondii	
				Poppies	
				Leptosiphon	
				Nemophila	

### SUMMER BLOOMING

ABELIA	RHODODENDRON (hybrids)	PERENNIAL	ANCHUSA	FROM SPRING SOWN SEED	BEGONIA, Tuberous Agapanthus
Rhododendron <i>maximum</i>	Lilacs	Honeysuckle	Campanula	Cosmos (new extra-early type)	Summer Hyacinth
Honeysuckle ( <i>Lon. pileata</i> )	Sweet Bay ( <i>M. glauca</i> )	Clematis	Delphinium	Chrysanthemums	Ismene
Mahonia, Leatherleaf	Mockorange	Silver Fleece-vine, Silver Lace Vine ( <i>Polygonum</i> )	Foxglove	Larkspur	Trigridia
Inkberry Heather ( <i>Calluna</i> )	Smoketree	Silverbine ( <i>Verinidina</i> )	Geum	Candytuft	Tritoma (hybrids)
Heath ( <i>Erica</i> )	Sweetshrub	Trumpet-creeper, ( <i>Bignonia</i> )	Iris, Jap. Phlox	Lupines	Gladiolus
	Rose (several varieties)	Deutzia	Platycodon	Lavatera	Cannas
	Hydrangea (early varieties)	(Pride of Rochester)	Scabiosa	Portulaca	Hardy Lilies (early sorts)
		Butterfly-bush		Viscaria	
		ANNUAL			
		Scarlet Runner			

### FALL BLOOMING

DAPHNE	ABELIA	PERENNIAL	ANEMONE, JAP.	ASTERS	CROCUS ( <i>speciosus</i> )
Abelia	Hydrangea	Honeysuckle	Aconitum ( <i>fischeri</i> )	African	Canna
Heath ( <i>Erica</i> )	Butterfly-bush	Clematis	Asters	Daisy	Dahlia
Menziesia	Summer-sweet	Kudzu-bean	Chrysanthemums	Gladiolus	Gladiolus
BERRIES	Rose of Sharon	Hardy Pea	Euonymus	Montbretia	Montbretia
Holly	Hardhack	Bittersweet	ANNUAL	Kafirily (Mrs. Haggerty)	Kafirily (Mrs. Haggerty)
Mahonia	Waterer	Euonymus	Cardinal	Sternbergia ( <i>lutea</i> )	Sternbergia ( <i>lutea</i> )
Cotoneaster	Spiraea	Chastree (Chaste Bush)	Climber	Oxalis	Oxalis
Barberry	Viburnum (Leatherleaf)	Witchhazel	Morning-glory (Brazilian)	Hardy Lilies (late sorts)	Hardy Lilies (late sorts)
Cowberry ( <i>Vaccinium</i> )		<i>Lespedeza formosa</i>	Moonflower		
			PERENNIAL		
			Clematis <i>coccinea</i>		
			Bignonia		
			Honeysuckle (Dutch)		

### RED & PINK

EVERGREENS & TREES	SHRUBS	VINES	PERENNIALS	ANNUALS	BULBS
Rhododendron	Azaleas	ANNUAL	Anemone, Jap.	Balsam	Tulips
Mountain Laurel	Japan Quince	Cardinal	Aconitum	Gaillardia	Hyacinth
Lambkill	Hawthorn	Climber	Aquilegia	Clarkia	Narcissus (pink varieties)
Laurel	Deutzia, Dwarf	Dolichos	Armeria	Crimson	Fritillaria
Daphne	(pink)	Scarlet Runner	Chelone	Flax	Bulbocodium
Abelia	Weigela (Rose-colored)	Cypress Vine	Dianthus	Petunia	Lycoris
Dogwood, Pink	Spiraea	Morning-glory (Brazilian)	Dicentra	Phlox	Gladiolus
Redbud	(crimson)	Moonflower	Geum	Poppies (small types)	Dahlias
Flowering Cherry and others	Spirea Anthony Waterer Shrub-althea ( <i>Hibiscus syriacus</i> ) Tamarix	PERENNIAL	Gaillardia	Scabiosa	Cannas
		Clematis <i>coccinea</i>	Hibiscus	Cosmos	Hardy Lilies (several)
		Bignonia	Peony	Scarlet Sage	
		Honeysuckle (Dutch)	Lychnis		

### YELLOW

ARBORVITÆ (Vervane Golden)	FORSYTHIA	ANNUAL	ACHILLEA	BARTONIA	NARCISSUS
Chinese A. (Column, Gold Spire)	Genista	Canary-bird Vine	Adonis	Callopis	Hyacinth
Sawara Cypress	Cornelian Cherry	Thunbergia	Anthemis	Calendula	Crocus
Goldtip Jap. Yew	<i>Azalea lutea</i>	PERENNIAL	Goldentuft ( <i>Alyssum</i> )	Goldenrod	Tigridia
Juniper Chinese "golden"	Kerria, Jap. St. Johns-wort	Jasmine ( <i>nudiflorum</i> )	Doronicum	Evening Primrose	Sternbergia
Laburnum Tuliptree	Rose, Hugonis Rose, Harrison's Yellow	Honeysuckle Bittersweet (yellow-orange berries)	Coreopsis	Primrose	<i>Ornithogalum aureum</i>
			Helenium	Sweet-sultan	Dahlias
			Evening	Rudbeckia	Gladiolus
			Primrose	Trollius	Cannas
			Snapdragon		Tritomas (Montbretias)
			Sunflower		Hardy Lilies (several)

(Continued on page 198)

# The Dreer "Gold Medal Dozen"

## New Hardy Everblooming Hybrid-Tea Roses

The wonderful advance made during recent years in this popular type of Rose is well exemplified in this collection of twelve varieties of outstanding merit of recent introductions. We especially recommend this "Gold Medal Dozen" to the thousands of our patrons who already have the "Dreer Dozen" in their gardens.

**Dame Edith Helen.** A brilliant yet soft Rose du Barry pink, strongly sweet-scented. \$1.50 each.

**Frank Reader.** A light lemon-yellow with a heart of golden apricot. \$1.50 each.

**Lady Florence Stronge.** Reddish prawn to violet old rose shading to yellow at base and pink toward the edge. \$1.50 each.

**Rev. F. Page Roberts.** Buds are of coppery-red stained red on the outside and open a golden-yellow. \$1.50 each.

**Sir David Davis.** Deep, glowing crimson running to light yellow at base of petals. Strongly sweet-scented. \$1.50 each.

**Mrs. Henry Bowles.** Intense brilliant pink with lighter salmon pink shadings. \$1.50 each.

**Wilhelm Kordes.** Rich capucine red with coppery suffusion overlaying a golden-salmon ground. \$1.50 each.

**John Russell.** Rich, deep velvety crimson. \$1.50 each.

**Lady Margaret Stewart.** Deep sunflower-yellow heavily veined, splashed with orange-scarlet, reverse of petals deeply suffused with carmine. \$2.00 each.

**Margaret McGredy.** Rich, oriental red, passing to carmine-rose. \$2.00 each.

**Mrs. A. R. Barracough.** Soft carmine-pink passing to yellow, at base of petals. \$2.00 each.

**Ville de Paris.** (City of Paris.) Rich buttercup yellow, fairly double and splendid for cutting. Tall, and a profuse bloomer. \$1.50 each.



**SPECIAL OFFER:** We will supply one strong two-year-old plant of the above "Gold Medal Collection" (a \$19.50 value) the set of 12 for \$15.00

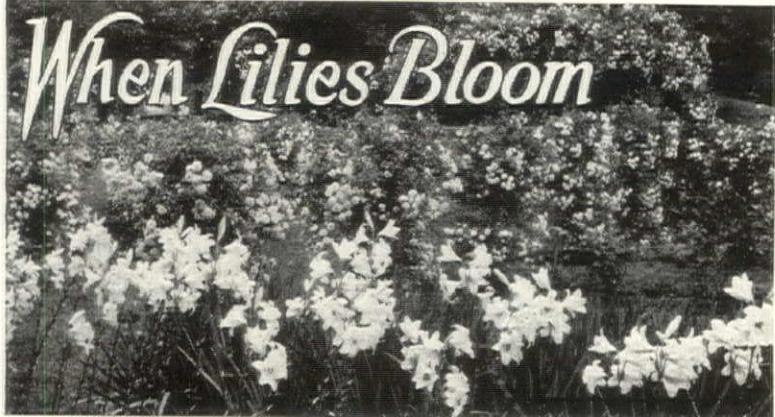
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6 L. *Batemanniae*. Apricot  
6 L. *auratum*. Gold-banded.  
6 L. *speciosum*. Pink and white

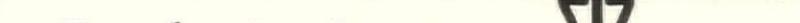
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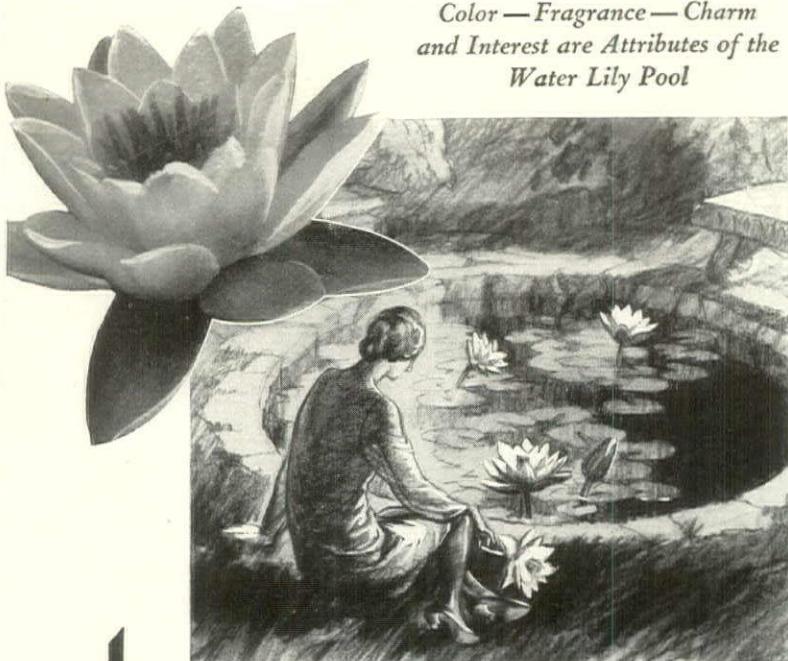


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and Interest are Attributes of the  
Water Lily Pool*



# A Water Lily Pool for Every Garden

HERE is room in your garden, even though it be small, for a Water Lily Pool, or at least for a simple sunken-tub garden. Your Water Lily Pool will quickly become the center of interest in your garden, for the culture of colorful, fragrant, beautiful Water Lilies, interesting, odd aquatic plants and ornamental fishes is fascinating.

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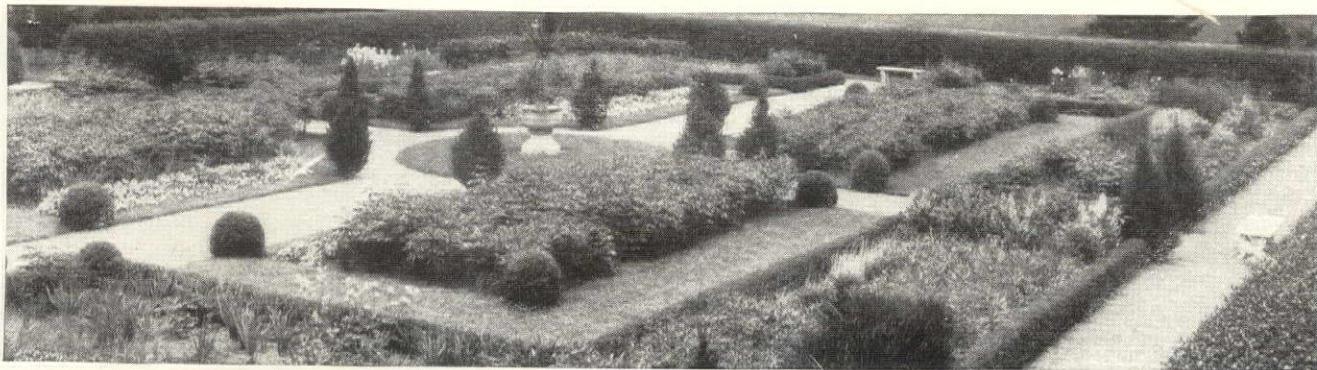
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## GARDENING GUIDE

(Continued from page 196)

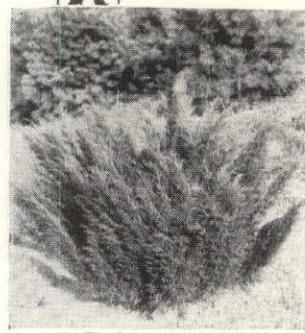
EVER-GREENS & TREES	SHRUBS	VINES	PERENNIALS	ANNUALS	BULBS
WHITE					
Rhododendrons Andromeda Drooping Leucothoe Flowering Cherry, Crab and others Magnolia Dogwood, Flowering Silverbell Fringetree (White-fringe) Honey Locust	Azalea viscosa Hawthorn Deutzia Spirea, various Mockorange, various Viburnum, various Shadblush (Amelanchier) Summer-sweet Rose (multi-flora and others) Honey Locust	ANNUAL Dolichos (Daylight) Moonflower Cypressvine (white) PERENNIAL Clematis (various) Phlox (Miss Lingard) Madeira-vine Jasmine (officinalis) Shasta Daisy Viola (White Jersey Gem) Honeysuckle	Arabis Achillea Anemone, Jap. Boltonia Gypsophila Iberis Iris (Siberian) (Snow Queen) Phlox (Miss Lingard) Shasta Daisy Viola (White Jersey Gem) Yucca	Alyssum, Sweet Ageratum Candytuft Cosmos Gypsophila Stevia Lavatera Petunia (esp. Balcony White and Snowball) Poppy (White Shirley) Verbena (Seafoam)	Tulip Narcissus Hyacinth Crocus Snowdrop Snowflake Ismene Summer Hyacinth Madonna Lily and others
BLUE SHADES					
FOLIAGE Koster Blue Spruce Blue Colorado Spruce Blue Mt. Atlas Cedar Silver Redcedar Dundee Redcedar Column Chinese Juniper Moss Cypress Blue Column Lawson Cypress	Hydrangea Mint Shrub ( <i>Elsyzoltzia</i> ) False Indigo Bush Lilacs Buddleia Chastetree ( <i>Vitex, esp. V. macrophylla</i> ) Blue Rose-of-Sharon ( <i>Hibiscus sy. ardens</i> ) Blue Spirea ( <i>Caryopteris incana</i> )	ANNUAL Morning-glory Moonflower (sky-blue) Moonflower Climbing Foxglove PERENNIAL Wisteria Lycium Akebia Kudzu Vine <i>Clematis jackmani</i>	Aconite Anchusa Aster Delphinium Globe Thistle Iris, various Platycodon Lobelia, var. Stokesia Plumbago Myosotis Viola, Jersey Gem	Blue Lace-flower Asperula Aster Globethistle Iris, various Platycodon Lobelia, var. Stokesia Plumbago Myosotis Viola, Jersey Gem	Hyacinth Grape Hyacinth Scilla Chionodoxa Allium <i>azureum</i> Iris, bulbous Fritillaria <i>meleagris</i> Agapanthus (Blue Nile Lily) Gladiolus (several) Nymphaea (various) Brodiae
FOR SUNNY LOCATIONS					
Redcedar Arborvitæ (Most coniferous evergreens require full sunlight to develop properly) Laurel Holly	Tamarisk Hydrangea Redleaved Barberry Bayberry (Practically all shrubs, including most of those in list below will thrive, in full sun) Hardy Pea Wisteria	ANNUAL Canary-bird Vine Cardinal Climber Morning-glory Nasturtium Gourds PERENNIAL Hardy Pea	Aster Butterfly-weed Daylily Goldenrod <i>Dianthus deltoides</i> Iris (various) <i>Phlox subulata</i> Gaillardia Sedum Yucca	Sweet Alyssum Begonia Balsam Iceplant <i>Begonia semperflorens</i> Arctotis Portulaca Cynoglossum Anagallis	(Almost all hardy bulbs, except a few of the hardy Lilies, thrive in full sun, but will tolerate moderate shade)
FOR SHADY LOCATIONS					
Hemlock Balsam Fir Douglas Fir Canadian Yew White Pine Rhododendron (native varieties and other native evergreen shrubs) Flowering Dogwood	Summer-sweet Sweetshrub Witch-hazel Snowberry Coralberry Hypericum Winterberry ( <i>Ilex verticillata</i> ) Blueberry Flowering Raspberry Sweetfern ( <i>Comptonia</i> )	ANNUAL Smilax Jap. Hop Canary-bird Vine (also in moderate shade) PERENNIAL English Ivy Euonymus Clematis Vitis (Grape) <i>Vinca minor</i>	Aconite Anemone Columbine Coralbells Bloodroot ( <i>Phlox divaricata</i> ) Myosotis Globeflower Spirea Bleeding-heart	Clarkia Cleome Euphorbia Evening Primrose Gaillardia Myosotis Snapdragons Mimulus (Monkey-flower) Helianthus Impatiens Lupine Mignonette Thunbergia	Allium <i>Colchortus robustus</i> Narcissus ( <i>Poeticus</i> var.) <i>Scilla non-scripta</i> Camassia Colchicum Trillium Lycoris <i>Lilium philadelphicum</i> <i>L. auratum</i> and others
FOR DRY LOCATIONS					
EVERGREEN TREES & SHRUBS	DECIDUOUS TREES	DECIDUOUS SHRUBS	PERENNIALS	ANNUALS	BULBS
Green Colorado Spruce ( <i>Pinus</i> ) Redcedar Junipers White Pine Scotch Pine Jack Pine Pitch Pine European Larch Juniper Laurel	Red Oak Birch (Amer. White) Black Locust Sassafras Witch-hazel Persimmon	Beach Plum Sumac Anchusa Rose ( <i>rugosa</i> ) Bayberry and other species Sweetfern Witch-hazel	Asters Achillea Evening Primrose Erigeron Globe Thistle Lupines Verbenas Yucca Poppy (Oriental) Most "rock plants"	Sweet Alyssum African Daisy Asperula Icicle Leptosiphon Miniature Cal. Poppy Portulaca Sand Verbena Wall Gypsophila	Allium Cooperia Crocus (species) Daylily Iris (dwarf vars.) <i>Narcissus triandrus minimus minor</i> Sparaxis Sternbergia
WET OR MOIST LOCATIONS					
Arborvitæ Baldcypress ( <i>Taxodium</i> ) Whitecedar ( <i>Cham. thuyoides</i> ) Tamarisk White Spruce Juniper ( <i>horizontalis</i> ) Canadian Yew Rhododendron Bog Kalmia Andromeda	Red (Swamp) Maple Waterlocust Green Ash Sour Gum ( <i>Tupelo</i> ) Willow Pin Oak Swamp White Oak Elm Linden Red Birch	Red (Swamp) Maple Waterlocust Green Ash Sour Gum ( <i>Tupelo</i> ) Willow Pin Oak Swamp White Oak Elm Linden Red Birch	Azalea viscosa Alder (various) Buttonbush Summersweet Bushy St. Johnswort Winterberry Pussywillow Osiers Blueberry	Cardinal-flower Beebalm Chelone Lobelia Boltonia Eupatorium Loosestrife Myosotis Iris (Blueflag) (Yellow) Marsh Marigold Partridgeberry	Calla Caladium Begonia (Tuberous) Narcissus ( <i>Poeticus</i> types) Hyacinth Fritillaria <i>meleagris</i> Galtonia Leucojum



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ONCE in a lifetime. Get the setting for your garden started this season. Then year by year it will grow in beauty and value.

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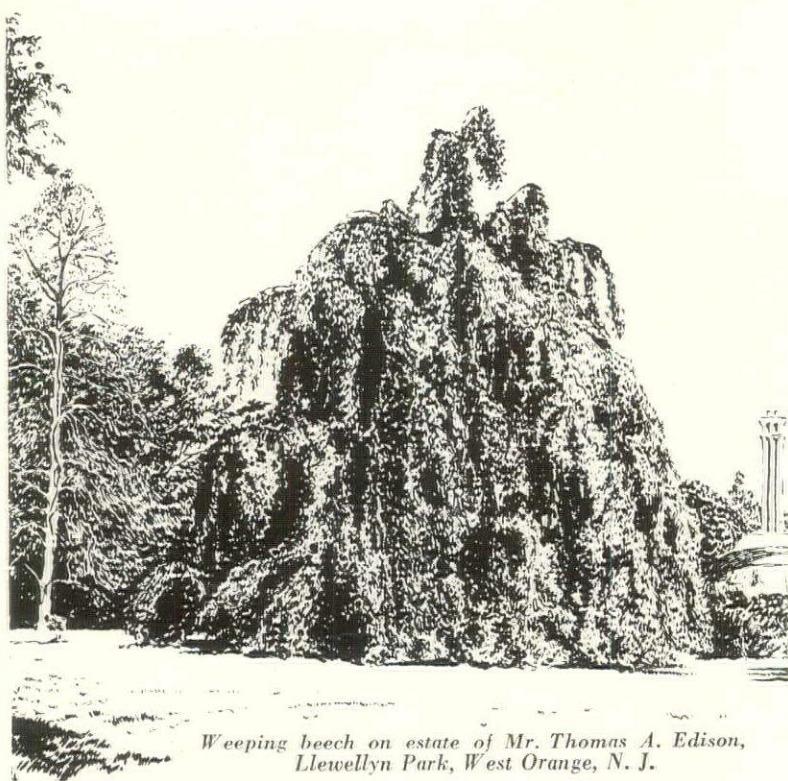
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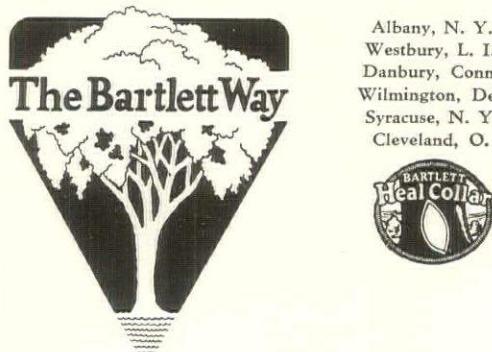
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## PRIMROSES FROM FOREIGN LANDS

(Continued from page 192)

the rockery there are several dainty little Primroses. One of the oldest known of these is *P. sieboldii* with pleasingly fringed, roundish leaves and varied colored blossoms, ranging from white through rose to purple. A related species of less vigorous growth but equally pleasing in habit and in its varied colored blossoms is *P. cortusoides*, of which there are many garden forms. Both these are Japanese in origin. From China came *P. veitchii* with mauve flowers and its relatives, *P. malvacea*, *P. septemloba* and *P. violodora*, all worthy of a place.

For moist situations in the rockery and well suited for the side of a small pool are a number of species with curious cone-shaped heads of blossoms on tall scapes. The flowers are Orchis-like in appearance, usually blue or purple in color and thrust through curious helmet-like colored bracts. Best known and most vigorous of these is *P. littoniana*, which often has a spike of flowers four inches long. The flowers have a delicate odor suggestive of Violets. More diminutive species of this group are *P. deflexa* and *P. watsonii*. All are natives of the alpine meadows of western China but only the vigorous *P. littoniana* is easy of cultivation.

Among the earliest of Primroses to blossom are two or three species which have their flowers arranged in globe heads and on this account constitute the group Capitatae. Well known among these is *P. capitata*, whose leaves appearing with the flowers are densely covered with white farina. The flowers, of which there are a great many in a cluster, are bright purplish blue. A form with larger flowers, known as *grandiflora*, is in cultivation. Another well-known member of this group is *P. denticulata*, whose flower spikes, each from four to eighteen inches tall, are up-thrust well before the leaves appear and bear dense heads of pale purple flowers. These are hardy plants, lovers of moisture and a semi-shady situation and well suited for the rockery dell. Another moisture loving species is the variable *P. sibirica* and the pleasing colored *P. rosea*, both of which are easily grown.

In niches among rocks the widespread *P. farinosa* may be grown and with it its North American form, *P. mistassinica*, and that remote wanderer, *P. magellanica*. There is no dearth of species that can be accommodated in any rockery, but some of the sorts are limestone-loving and under these conditions *P. auricula*, parent of that well-known group, succeeds best. The more tender yellow Cowslip-scented *P. palinuri* also demands limestone.

Among the many scores of Primula species needless to say not a few are very difficult to cultivate. Our discourse may end by reference to a subshrubby group to which belongs

the West American *P. suffruticosa*, of which no species has been found less amiable under cultivation. In western China grow several members of this group, among them the yellow and orange-yellow *P. forrestii*. On the side of a wall or in pockets on a vertical cliff is its place and that of others of its group. They want sunshine and moisture but not dampness.

Among the great variety of Primroses cultivated by the specialist today it is difficult for the amateur to pick and choose, so I give a list of fifty wherein will be found all the best and most easily grown of the species and hybrids. A liberal planting of a selection of these will endow any garden with a charming Primrose Way.

### ROCKERY

<i>Primula capitata</i>
“ <i>carniolica</i>
“ <i>cockburniana</i>
“ <i>cortusoides</i>
“ <i>denticulata</i>
“ <i>farinosa</i>
“ <i>frondosa</i>
“ <i>glutinosa</i>
“ <i>involucrata</i>
“ <i>knuthiana</i>
“ <i>marginata</i>
“ <i>nivalis</i>
“ <i>pubescens</i>
“ <i>rosea</i>
“ <i>sibirica</i>
“ <i>sieboldii</i>
“ <i>veitchii</i>

### WALLS

<i>Primula allionii</i>
“ <i>calciphila</i>
“ <i>forrestii</i>
“ <i>suffruticosa</i>

### BORDER

<i>Primula auricula</i> (border var.)
“ <i>elatior</i>
“ <i>juliae</i>
“ <i>officinalis</i> (all its forms)
“ <i>vulgaris</i> (all its forms)
“ (Polyanthus forms, especially Munstead strain)

### STREAMSIDE

<i>Primula beesiania</i>
“ <i>bulleyana</i>
“ <i>florindae</i>
“ <i>helodoxa</i>
“ <i>japonica</i>
“ <i>littoniana</i>
“ <i>poissonii</i>
“ <i>pseudosikkimensis</i>
“ <i>pulverulenta</i>
“ Dalrymple Hybrids
“ <i>sikkimensis</i>
“ <i>unique</i>
“ Lissadel Hybrids
“ <i>vittata</i>
“ <i>wilsonii</i>

### GREENHOUSE

<i>Primula floribunda</i>
“ <i>forbesii</i>
“ <i>kevensis</i>
“ <i>malacoides</i>
“ <i>obconica</i>
“ <i>palinuri</i>
“ <i>sinensis</i>
“ <i>verticillata</i>



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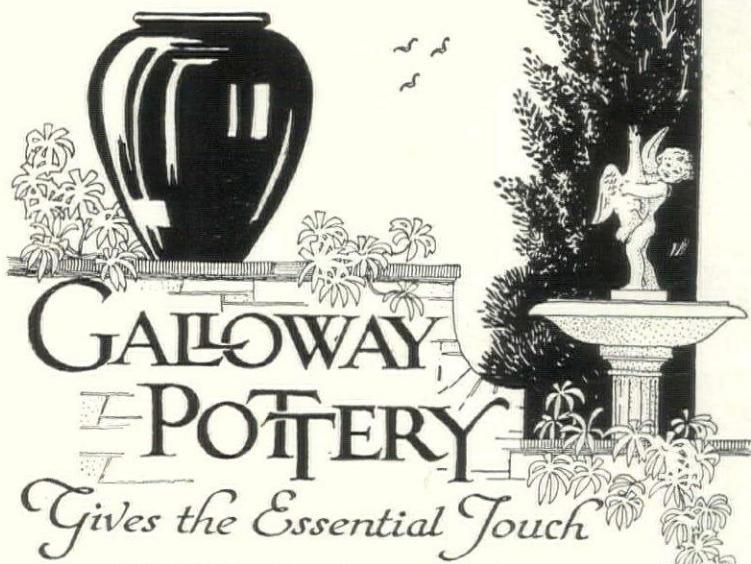
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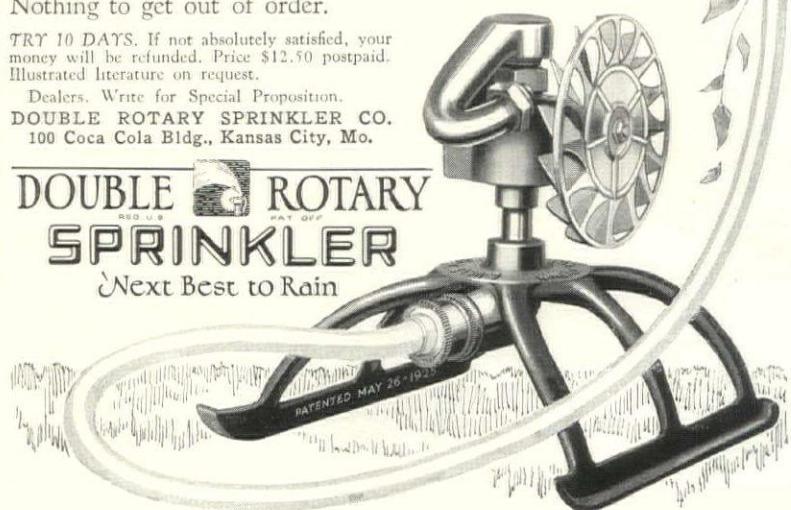
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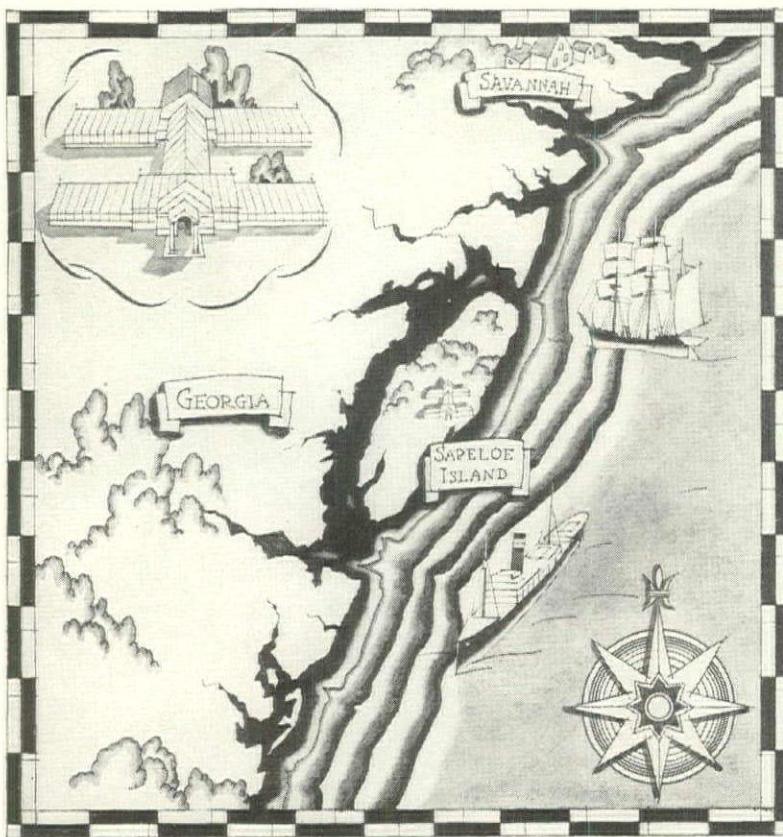
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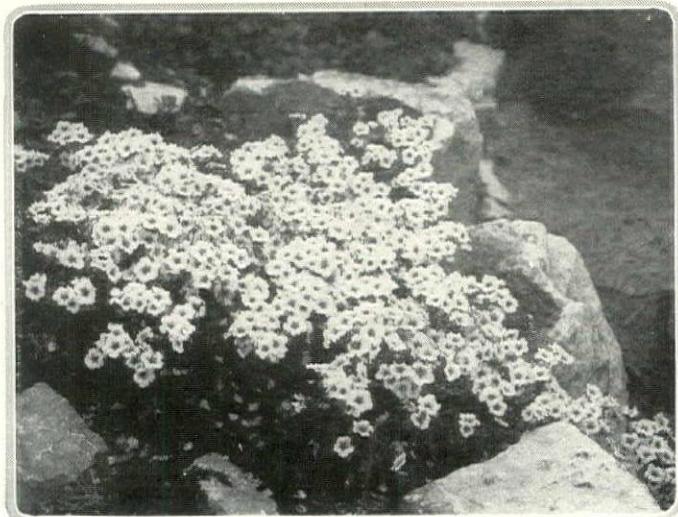
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E. A. WARD, President

257 Kearney Avenue . . . . Jersey City, N. J.



Among the Mossy Saxifrages, a multitude of flowers characterizes *S. hybrida grandiflora alba*. This is one of the most desirable of the group, though its blossoms are not as delicate as some others

### FLOWER WORTHIES from the ROCKS

(Continued from page 96)

profusion on delicate red stems above the mounds of rich green foliage in May. The cool side of a rock (never shade from over-hanging branches) is the best place for all the Mossy types, but *ceratophyla* is more sun-proof than the others. This plant is to be had of most nurseries and is the best of the Mossy group to begin with.

The Mossies are infinite in number, but I am mentioning only those that I know are available in this country. Their fragile blossoms run the scale from white to a quite brilliant crimson-red. Among these bright-hued kinds *S. bathioensis* and *S. H. M. Stokes*, both Mossy hybrids, are very fine. Guilford Seedling has rather small red flowers borne in profusion and is a compact and reliable grower. *S. rhei superba* has pure pink flowers of great charm. Mrs. Edith Banghart, a successful grower of the Northwest, considers Red Admiral the finest in this bright-colored class. Among white-flowered kinds *S. caespitosa* makes a close green covering with little blowy masses of small blossoms above it. *S. decipiens alba* is a good kind, and *S. wallacei*, with lovely

large white blossoms, delightfully scented, once graced my garden but has now departed. In one catalog a Mossy is listed with a most alluring name—Cotswold Cream. Who could resist it?

It is not to be denied that the torrid, drought-ridden summers of our eastern seaboard tax the courage of the Mossy Saxifrages, and that they thrive more happily in our more salubrious Northwest. But if they are considered they may be enjoyed anywhere. A light chip-impregnated soil, rich in leaf-mold, seems to suit them and you can be sure that most of your Saxifrages will relish a little lime. The cooler slopes in the rock garden are to be reserved for them and, says an authority, they should be given liberal top-dressing once or twice a year, whenever the hummocks become too hollow or "away from the soil", and liberal watering in hot and dry weather. The soil for top-dressing should be sandy and must be worked in among the little growths with the fingers. I find that pulling the tufts to pieces and re-

(Continued on page 204)



Reginald A. Malby

Perhaps the best white-flowered Mossy Saxifrage is *S. wallacei*, a pleasingly sweet-scented sort. Others in this group show various blossom colors which range to a quite brilliant crimson-red

**The  
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Can Only Equal  
the Care of Your Selections**

FINALLY, the effect you have so carefully planned will find expression only to the extent to which *quality* is the true characteristic of the plants you select. Assurance of that *quality* is found in the House of Barnes Bros., with whom *quality* and *integrity* are a tradition.

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Unusual development in both size and beauty in these beautiful old-fashioned flowers.

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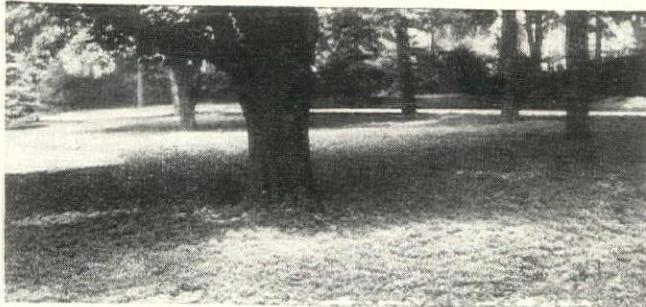
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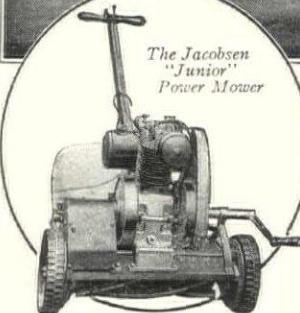
*Pachysandra is a plant, not a seed*

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from  $\frac{1}{4}$  of an acre up. They earn their cost in time and labor saved and create a healthy, beautiful turf.

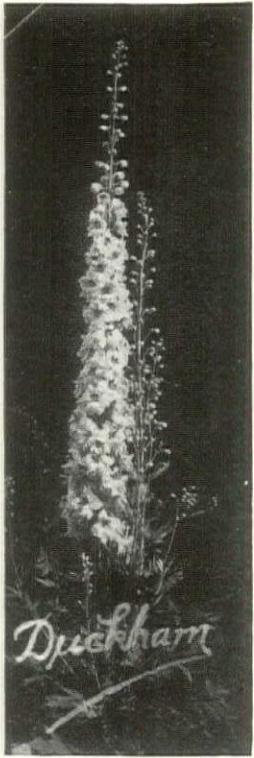
The "Estate" Mower is Roller Driven and cuts a 24-inch swath. It is specially designed for the fine lawns of private estates. The Jacobsen "Junior" is a quality power mower with a 19-inch cutting reel and is suitable for moderately large lawns, or lawns with numerous obstructions and terraces.

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My wonderful strain of un-named Hybrids is acknowledged by the greatest judges to be the finest in the country.

The proof of this belief has been "brought home" to me in the many large orders placed by leading Estate Owners and Nurserymen in recent years. These ladies and gentlemen openly expressed their admiration and amazement at the wonderful size and exceptional beauty in color and formation of my blooms—buying them unstintedly by the hundred and thousand plants.

Although the demand for these Hybrids has been exceptionally heavy, I have always managed to keep my stock of field-grown clumps equal to the season's sales, and have now a splendid lot to send out this spring.

#### MIXED HYBRIDS

Price, each \$1.00; dozen \$11.00; 100 \$85.00

#### SPECIALLY PICKED TYPES and COLORS

Each \$2.00, \$3.00, \$4.00, \$5.00 and \$7.50

*My new catalogue of Hardy Plants and Roses is ready for those who request a copy*

**WILLIAM C. DUCKHAM**

Rose and Hardy Plant Specialist

MADISON (Box H) NEW JERSEY

A typical "Duckham Hybrid". Note the huge, sturdy, tapering spike.

# A Garden Full of Gladioli

*The Most Popular of All  
Summer-Flowering Bulbous Plants*

For a number of years we have been offering a collection of 50 Gladioli Bulbs and have sold millions of them, receiving numerous testimonials as to their merits. This year we are also offering a choice collection of named varieties for those who wish to plan their garden according to a color scheme. All bulbs produced under expert supervision on our own Farms.

#### Special Collection No. 1

For Two Dollars we will send 50 Bulbs of our Grand Prize Mixture, which covers every conceivable shade in the Gladiolus kingdom.

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For Five Dollars we will send 10 Bulbs each of 10 choice named varieties, separately labeled, (100 Bulbs in all) of the following:

*America, Lavender-pink; Crimson Glow, Deep brilliant crimson; E.J. Shaylor, Rose-pink; Halley, Salmon-pink; Herada, Pure mauve; Mrs. Francis King, Vermilion; Mrs. Frank Pendleton, Deep salmon; Mrs. Dr. Norton, Cream and pink; Peace, Splendid white, Schwaben, Canary-yellow.*

*Simple cultural directions in each package.*

**Order Your Bulbs Now**, so as to have them to plant when you begin your garden. Mail your order with Check, Money Order, Cash or Stamps, mentioning this advertisement, and Bulbs will be sent prepaid to your home anywhere in the United States.

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Farms and Testing Gardens—Farmingdale and Islip, L. I.  
Branch Stores in Newark, N. J., White Plains, N. Y., Baltimore, Md.

## FLOWER WORTHIES from the ROCKS

(Continued from page 202)

planting is occasionally necessary with the Mossies. The undimmed brilliant green of the Mossy Saxifrages is a delightful feature of the winter rock garden, and may be enjoyed at any time by turning back the covering or burrowing in the snow.

What may be termed as the London Pride group of Saxifrages is in pleasant contrast to the Mossy types and demands even cooler conditions, at least in this part of the world. The true London Pride, *S. umbrosa*, grows like a cabbage in England (in Ireland, where it is native, it is known as St. Patrick's Cabbage), edging beds, filling unimportant corners with cheerful green and behaving altogether after the manner of a happy weed. But America is not apparently the choice of its heart. It is a charming thing, however, with a tuft of largish, shining dark leaves over which waves in due season a forest of delicate stems bearing dainty sprays of white flowers dotted with pink. The stems come up some ten or twelve inches tall and the whole plant presents a delightfully airy appearance. For the moment a group of London Pride appears to be happy in my garden. It is situated at the base of some rocks (the north side) where the rich loamy soil does not quickly dry out. Long may they flourish! Allied to the London Pride are *S. cuneifolia* (itself in miniature) with bronzy rosettes, and *S. geum*. The former, at least, is listed in this country, but I have not had experience with either.

The Encrusted Saxifrage, *S. andrewsi*, is related to this group, being, I believe, a hybrid between *S. umbrosa* and *S. aizoon*. It has long thick toothed leaves gathered into a loose rosette, and white flowers dotted with purple on stems six inches or more high in summer. This is a very choice plant, but for some reason it has not flourished with me as cheerfully as many of its kin.

#### AN ORNAMENTAL SECTION

The Encrusted or Silvery section of the family is legion strong and they are ornamental at all seasons. To choose among them is difficult. The most perfectly easy and indestructible one known to me is the hybrid *S. macrantha* (*S. cotyledon* X *hostii*) which quickly makes fine masses of irregular gray rosettes and bears innumerable airy stems of white flowers brightly spotted with pink. Perhaps the most beautiful of this section is *S. cotyledon*, or its variety *pyramidalis*. This species likes to have its huge rosette of strap-shaped leaves wedged into a vertical crevice and there its gorgeous plume of white, pink-dotted blossoms shows to supreme advantage. The rosette that bears the plume dies after the effort, but if the plant has been made happy there should be plenty of youngsters about the old stock to carry on the noble tradition. One of the finest is *S. longifolia*, because of its most beautiful silver rosette, the finest rosette of any of this section that I have seen. "Crown Royal, they call this in Spain", says Mr. Farrer, "where it abounds on the limestones all through

the Pyrenees, from the vine-level upwards." This type also likes a vertical position, and only when thus placed shows the full quality of its beauty. One sees this plant throw out its great flower-plume with mixed feelings, for when it blooms it dies.

*S. cochlearis* is a lovely and distinct kind making "shell-like clusters of silvery rosettes" and sending aloft ruddy stems with sprays of dainty white flowers. *S. lingulata*, when the true species can be got, with very long and narrow and heavily silvered leaves, is highly desirable; and *S. hostii* is a good kind, making flattish rosettes, gray and leathern, edged with silver beads, and foot-high stalks of creamy flowers. To this small selection I might add *S. altissima*, whose large rosettes are bluish in color, and *S. cartilaginea*, a distinct and amiable relative of the Aizoon section.

*Saxifraga aizoon*, a widely distributed and very variable species, has many attractive forms, nearly all with rather small rosettes. The variety *rosea* has pretty pink flowers, *lutea* and *flavescens* yellow. One of the most attractive is *S. a. brevifolia*, with very small heavily silvered leaves.

#### GROWING REQUIREMENTS

All the species and varieties of Encrusted Saxifrage mentioned may be easily enough grown if attention be paid to their very simple needs. They are plants for ledges, crevices or the rather steep slopes of the rock garden—not for levels, as they are easily rotted by the action of water and frost among the leaves of the rosette. They like sunshine for at least part of the day and the soil should be light gritty and moderately rich in leaf-mold, with a little lime added. Stock of these is easily increased by pulling the clusters of rosettes apart and inserting the individuals in sandy soil that is kept a little moist.

The Kabschia, or Cushion Saxifrages, are not for first steppers. Mr. Lown grows them well, but my own overtures toward them have begun too recently to be worth reporting upon. The Megasea group, with the huge, coarse leaves and lumps of pink bloom in spring, are for anyone who wants them. They are not difficult in any well-drained spot. *S. cordifolia* is one of the most robust, a fine plant for the wild garden or open woodland, with great trusses of rosy bloom in April. *S. ligulata* flowers so early that it is often injured by frost.

The double-flowered form of *S. granulata*, the Meadow Saxifrage, is a pretty and attractive plant for bold places in the rock garden. Its white flowers are borne in April and May.

*S. fortunei* is a lovely species that flowers late in the autumn. It belongs to a group sometimes called two-winged Rockfoils, a Japanese plant, with rounded leaves and white blossoms that have the appearance of a mass of fringe hanging from the reddish stems. It is not often seen. To this same group belongs the old Mother of Thousands, or Old Man's Beard, often grown as a pot plant and a favorite in cottage windows, but quite hardy in the open if sheltered.

# The First Garden thought

is your  
**SOIL**  
right for  
growing  
exactly  
what you  
want?



"The **A** Soil conditioner"—a cross section view of the interior cell construction of **A** peat moss. The large internal surface area of these water cells gives **A** its great water holding capacity, aeration and root developing area.

THIS spring your garden soil will need attention! Whether it is predominantly sandy, clayey or ordinary loam, the soil in your garden has been depleted in nutritive value and textural construction by last years efforts and will only be capable of producing satisfactory results for you this Summer when you have properly prepared it for its work.

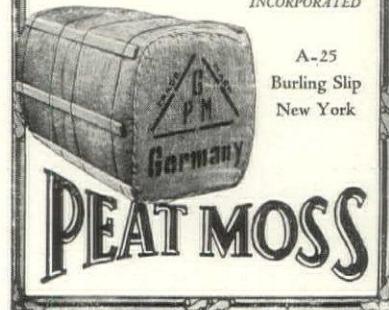
—and soil preparation means, not only the addition of fertilizing constituents, but conditioning its physical texture, so that it will be able to assimilate or digest the fertilizers and make them available for plant use.

**A** peat moss—"the soil conditioner" used in proper proportions will bring your soil to the highest state of physical condition. It helps to bind together and give more body to loose sandy soil; it will break up and render more friable heavy clay soil; it makes all soil easy to work, highly retentive of moisture so that it will hold the plant food which has been dissolved in the soil moisture; it will prevent baking and caking, develop necessary soil bacteria and in general condition your soil so that it is sure to produce better crops or flowers.

Leading horticultural experts strongly recommend **A** as most desirable and urge its use as the only way to be sure of results. Let us send you complete information now so that you will be ready to start right in the spring. Better still, let us send you a sample (trial) bale for early seed germination and propagating, \$1.50 post paid.

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A-25  
Burling Slip  
New York



**PEAT MOSS**

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Established in 1848, when the nurseryman's stock in trade consisted of many fruit trees, a few shade trees and even fewer shrubs . . . people in those days wanted edible returns from their home plantings!

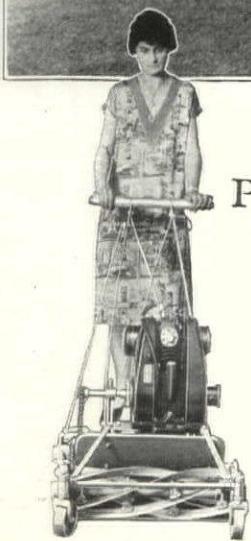
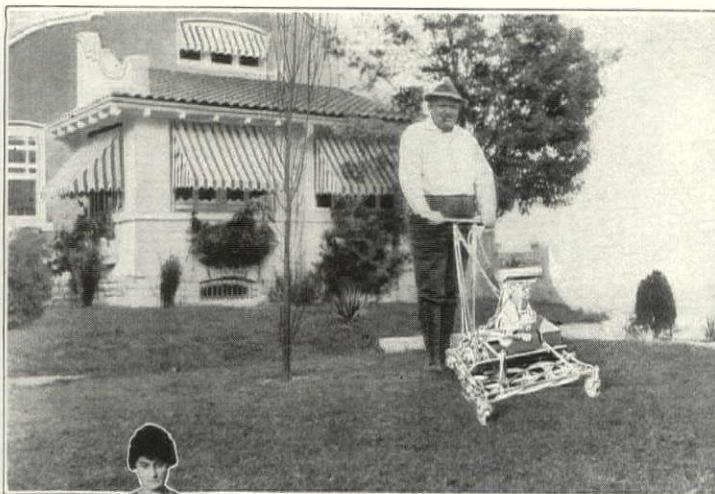
Growing, in size and experience, through the days when white oxen were used to turn the soil and release its fertility . . . today less picturesque but more efficient tractors pulverize the rich earth and make its nourishment available to colorful rows of evergreens, shrubs and ornamental trees.

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operates so easily and cuts so smoothly that it is a pleasure to keep your lawn looking like velvet. Two sizes—20" and 27" wide. Can be used to trim around trees, shrubbery and flower beds. Cuts close to hedges and fences.

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this summer, you can have them—glorious ones that will be the pride of the neighborhood. We guarantee "Star" Roses to bloom the same year you plant them. Because they are grown out in the open under the same conditions as in your own garden, and because we give them a good, healthy start in life, they have sturdy roots and hardy stock. It's easy to see why we guarantee them!

#### The 25 "Star" Rose offer

To make it easy for you, and because we "know our roses," we have selected 25 choice roses, every one of which is guaranteed to bloom within 3 months after planting, or we will "make good." These 25 "Stars" include our famous "Star Dozen"—our twelve most satisfactory rose plants. Included in this lot are pink, apricot, red, yellow, white, and blended roses. You'll be delighted with the selection we'll send you.



FREE—with every order for either of these collections.

We cannot think of anything you can buy for \$20 that will give you more real satisfaction and pleasure than the almost continuous bloom and gorgeous blossoms you will have from our 25 "Stars."

#### The "Star Dozen"

Or if you prefer to buy the "Star Dozen" by itself, these twelve highly recommended roses are yours for \$10.50. If purchased individually, the same selection would cost you \$12.50.

#### Order today!

In order to make certain that you receive the varieties you want, use the coupon today.

#### FREE!

When we ship your order, we'll send our 32-page "Success with Roses"—to help you in planting and caring for your roses. We'll also include the 1929 "Star Guide to Good Roses"—describing 200 varieties of roses, many in color. Use the coupon!

**Star Rose Growers**  
The Conard-Pyle Company  
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**-USE THIS COUPON-NOW-**

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<input type="checkbox"/> I'm sending you \$20 herewith. Please rush the 25 "Star" Roses by return post.
<input type="checkbox"/> Here's the \$10.50 for the "Star" Dozen. ("Success" and the "Star Guide" will be included with the above orders.)
<input type="checkbox"/> Send "Star Guide" Free.
<input type="checkbox"/> I enclose 25c. Send "Success With Roses."

Name .....  
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## Christmas Roses

On the first Christmas morning a little maid was found weeping. Asked the reason, she said she had no gift for the Holy Babe. The angel pointed to the white flowers of the Christmas Rose and said "take these."

As pure and white as the snow that may cover the foliage, Christmas Roses (*Helleborus niger*) are fully open when Kris Kringle makes his annual call. Nor do they lose their beauty when cut for indoor decoration. Plants are perfectly hardy, growing and blooming best in partial shade. For spring planting we offer extra good pot-grown plants at \$2.50 each; 10 for \$20.

You may order Christmas Rose plants, or the Talisman Rose, direct from this advertisement and be absolutely sure of receiving the finest specimens. Catalogue upon request.

### The New Hybrid Tea Rose Talisman

Pink, orange, and scarlet blended in gorgeous beauty. Awarded four gold medals in 1928.

Field-grown plants \$2.50 each,  
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Coldwell "L Twin"  
Motor Lawn Mower and  
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With gang units attached it cuts  
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### A NEW TYPE OF MOTOR MOWER BY COLDWELL

YOU can bank on the Coldwell "L Twin" Motor Lawn Mower and Roller to deliver years of dependable, trouble-free service under all conditions of usage. Moderate in price.

*There's a size and style of Coldwell Power Lawn Mower and Roller at the price you want to pay. Your dealer will demonstrate. Write to factory for descriptive literature.*

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SINCE 1867  
**COLDWELL**  
DEPENDABLE LAWN MOWERS

GASOLINE  
—  
ELECTRIC

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.



*An interesting way to grow Ruskin is the European plan of pinning down the long, strong shoots so that they will develop rows of fine, long-stemmed blossoms*

### THE HYBRID PERPETUAL

(Continued from page 194)

Mme. Julien Potin, Ruskin, etc.

Another treatment very popular in Europe for these ultra vigorous varieties is the *cordon* of the French or "pinning down" of the English: the long stalks are bent down to assume a horizontal position at about twelve or fifteen inches from the ground, being thus held with small pickets. All the eyes along the stalk will grow flowers with long stems; standing at attention like good soldiers. If the *cordon* is not to be permanent, the stalks can be redressed after blooming and tied up to a stake. Even when pillars only are desired, it is advisable to pin down the long shoots, putting them up again after the first leaves are fully grown. This has the effect of forcing the eyes to grow from the base on; otherwise, the pillar might be bare-legged.

The border lines of the Hybrid Perpetual class are very nebulous and it is hard to decide where it begins and ends, so many botanic species or horticultural types have been used by the hybridizers. Gravereaux, the foremost authority, divided the class into eleven distinct groups and we may well add to these the newer type of so-called Rugosa Hybrids, which are genetically blood relations of the Hybrid Perpetual.

In matter of fact, it is not so much the theoretical ancestry as the practical performance that draws the demarcation line between Hybrid Perpetuals and Hybrid Teas or other classes. J. B. Clark, George Dickson, Magnafrano and John Russell, for example, from their pedigree are Hybrid Teas, and Henry Nevard a Hybrid Rugosa, but their performance classes them as Hybrid Perpetuals. On the other hand we have among Hybrid Teas actual Hybrid Perpetuals in ancestry, hardiness, ruggedness, foliage, although their dwarf habit and blooming record are of the Hybrid Tea. These are Mrs. W. C. Miller, H. V. Machin, Mrs. Prentiss

Nichols, Lady Alice Stanley, The General, Mme. Albert Barbier, etc., and should be very popular in the colder States because of their ability to stand severe weather.

European Rose growers, always cognizant of the utility and beauty of the Hybrid Perpetual, never allowed it to lose its importance. In recent years they have given it renewed attention, and we can truly say that we are now witnessing a renaissance of the Hybrid Perpetual. Varieties in much improved forms and novel colors have been produced which I sincerely hope to see in America in the near future. I had noticed this movement in 1925, but in my search for novelties last summer among European hybridizers I was surprised to see the progress made in that line, not only in the North but also in the South along the Riviera and in Spain, that heavenly Rose climate, thus confirming the fact that Hybrid Perpetuals are Roses as much for warm as for cold regions.

Among the recent introductions a few have already crashed the American gates and others are on their way. It is noteworthy that almost all these new Hybrid Perpetuals are descendants of Frau Karl Druschki, and have generally retained to a degree its vigorous habit. They are a new race, so to speak, with the infusion of Pernetiana and other bloods. I have given below a description of a few that I have tested.

*Henry Nevard* (F. Cant, England). The form of this velvety crimson Rose reminds us of the woodcuts in early catalogs. Nested in foliage like bouquets of yesteryear in ruffled paper, it is delightfully fragrant. Its many thorns and thick foliage suggest a relationship with the Rugosa. A better bloomer when it is remaidened. In the late fall mildew may overtake the tips.

*Everest* (W. Easlea, England). A (Continued on page 208)



*Rain at your command*

SUMMER drought need not take its toll of beautiful lawn and costly foliage . . . with Spralawn\* you have "Rain at your command".

The turn of a key . . . your lawn, garden and shrubbery are instantly enveloped in a life-giving spray. All unsightly piping is underground . . . all nozzles are out of the way of the roller or the mower.

Sralawn\* is a complete system of irrigation . . . material for which is furnished and installed by us. Inquiries are solicited anywhere in the United States. Let us send you a booklet.

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## ROSES— Spring Planting

ROSES by Bobbink & Atkins, our book of Roses, is replete with varieties up-to-date. In addition to nearly a thousand accepted varieties, we have many novelties of distinct merit, described and in color. Correct descriptions are given with comments on their merits and demerits. We feature the new Hybrid Tea Rose, Henry Ford, the popular Wilhelm Kordes, and other varieties of value. A large collection of Standard or Tree Roses is also listed. A copy will be mailed on request to those who intend to plant Roses.

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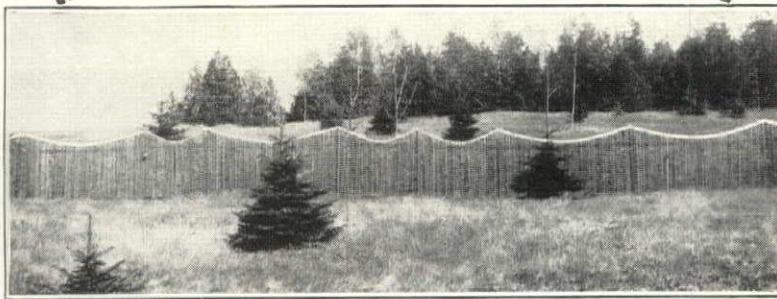
In your request for Catalog it is important to state definitely what you intend to plant, as we issue several catalogs.

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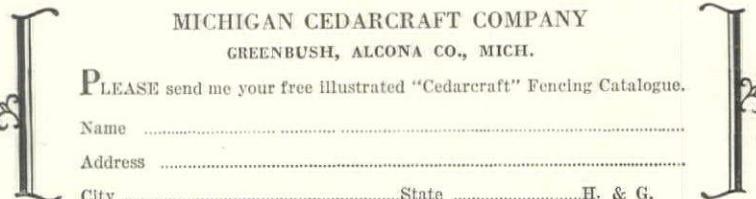
Produced in three designs, Under-curve, Over-curve and Alternate Over-curve and Under-curve sections, with several different type gates from which to choose. Height Under-curve sections, maximum 48 inches; minimum 39 inches. Height Over-curve sections, maximum 57 inches; minimum 49 inches.

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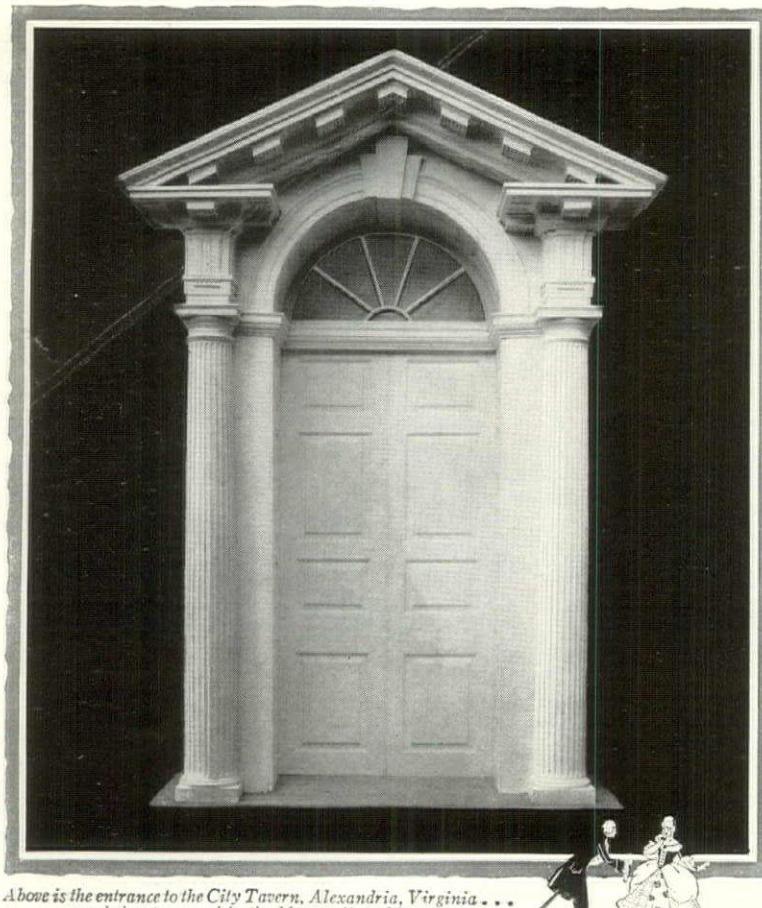
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To celebrate our 75th Anniversary, we are offering bulbs of blooming size, at cost, for a limited time only.





Above is the entrance to the City Tavern, Alexandria, Virginia... now being preserved in the Metropolitan Museum

## Alexandria's early social life centered in the old City Tavern

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The City Tavern, built in Alexandria, Virginia, in the late 18th century, was famous above all for the beauty of its pure Colonial architecture. And especially is this true of its handsome doorway, which may be seen today in the Metropolitan Museum.

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ROSE ARBORS ✓ GARDEN EQUIPMENT



*Those interested in Roses grown as standards should plan to make use of Nemo, even though it is not very likely to have a second blooming later in the season when so trained.*

## THE HYBRID PERPETUAL

(Continued from page 206)

gigantic bloom quite double and of moderate perfume, white with a lemon center. Wood almost thornless.

*Mme. Albert Barbier* (Barbier, France). A new type combining the best traits of three classes—the hardiness of Druschki, the foliage of the Pernetiana, the color and floriferousness of the Hybrid Tea, Mrs. Aaron Ward. Of a medium height, it belongs to the "everblooming" class and can be planted among tall Hybrid Teas.

*Mme. André Saint* (Barbier, France). A twin sister of the above, with the same characters but lighter in color, finishing pure white with a little tawny center.

*Marie Menudel* (Barbier, France). A vigorous grower that can be used as a pillar, cordon or remaidened for the cut flower. Immense bloom five to six inches when well grown, with a delightful perfume. Salmon pink with bright carmine center. When it comes on the market it will make a sensation.

*Louise Crette* (Chambard, France). An improved Druschki, larger, fuller and with a suspicion of fragrance. Wood almost thornless and better foliage that does not mildew. Makes five or six-foot pillars and is a fairly constant bloomer.

*Mme. Mallerin* (Chambard, France). Somewhat similar to the above but of dwarf form. Blooms are sometimes colossal. Can be used as a Hybrid Tea and should be pruned as such.

*Briand* (Mallerin, France). A scramble of Druschki, Hybrid Tea, Persian Yellow and Austrian Copper! A peony with the outer petals forming a collarette. Clear pink with salmon reflexes; some fragrance. A heavy June bloomer and a good repeater the rest of the season. Only recently named to commemorate the Kellogg treaty, of which Premier Briand was

the instigator. A manly man's Rose!

*S. M. Gustave V.* (Nabonnand, France). A delightful Rose of exquisite form and richly scented; I love its uniformly pink blooms of good size. Best as maiden or pruned low. A frequent repeater.

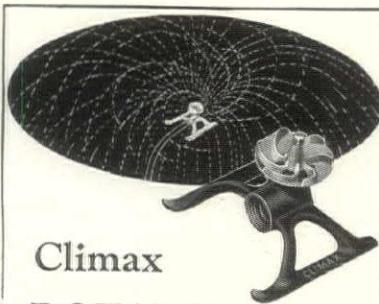
*Souvenir de Mme. Thuret* (Nabonnand, France). A new color in the Hybrid Perpetuals, between Willomere and Los Angeles, quite fragrant. Comes again later in the season.

*Marguerite Carels* (Nabonnand, France). An eight-foot pillar with a myriad of good size blooms of old rose pink, semi-double. Blooms only once, but what a sight!

*Rembrandt* (Van Rossem, Holland). As large a Rose as Paul Neyron will ever be—with heavy leathery petals that last unusually long. A complex mixture of cream, tan and light pink. Very vigorous, thornless and of handsome foliage. As an exception to the rule, it blooms best and remonts on two-year wood only.

*John Russell* (A. Dickson, Ireland). On the 23rd of October I picked a mammoth bloom that would have been a masterpiece of Rosecraft had it been perfumed! The outer petals of velvety crimson penciled with maroon were expanded like a cushion of plush on which rested a globular mass of incurved petals of a glistening scarlet cerise. As a plant, it is of medium growth. A repeater but not a consistent bloomer unless "remaidened". Like its grandmother Druschki, absolutely void of any scent, and like her may catch mildew.

*St. Ingbert* (Lambert, Germany). As persistent as Sir Launcelot was in his search of the Holy Grail is friend Lambert in his efforts to produce a yellow Druschki. St. Ingbert is one of his steps toward the goal. It is not truly yellow, but it shows progress (Continued on page 210)



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## Hardy Chrysanthemums Brighten Autumn's Dull Days

Without gay 'Mums, autumn gardens would be dull places. We hail colors that liven dark days, and search for new varieties that prolong the blooming season.

**Ruth Hatton.** Mid-October. New this year. Ivory white, shading lemon-yellow.

**October Rose.** Early October. New this year. Rose-pink, semi-double, 2 inches across.

**Barbara Cumming.** Earliest. Clear yellow, shading to orange-bronze center.

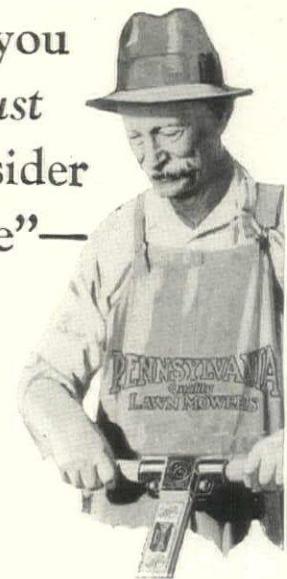
**Gypsy Girl.** Mid-season. Crimson, shading to chestnut-crimson.

**Three plants each of these New 'Mums  
(12 plants in all) for only \$5.00.**

Our 1929 Catalogue features many new hardy plants, including Gypsophila Bristol Fairy, Gaillardia Portola, a trio of new Pinks, and other many old favorites. Send for a copy.

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**"If you must consider price"—**



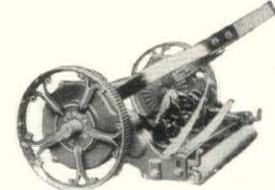
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Because a PENNSYLVANIA quality Mower (any PENNSYLVANIA quality brand) actually sharpens its own blades, requires a minimum of adjustment and repair, and gives many, many years of efficient mowing service, it always costs far less than an ordinary mower in the end. See one today at the nearest hardware or seed store displaying the famous "Old Gardener" sign. You can identify it by its easy-pushing STAYTITE Handle.

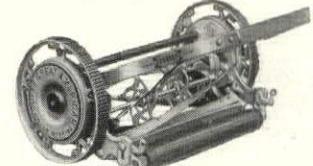
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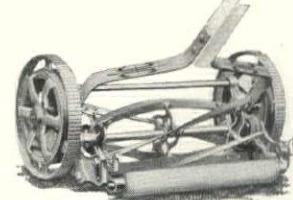
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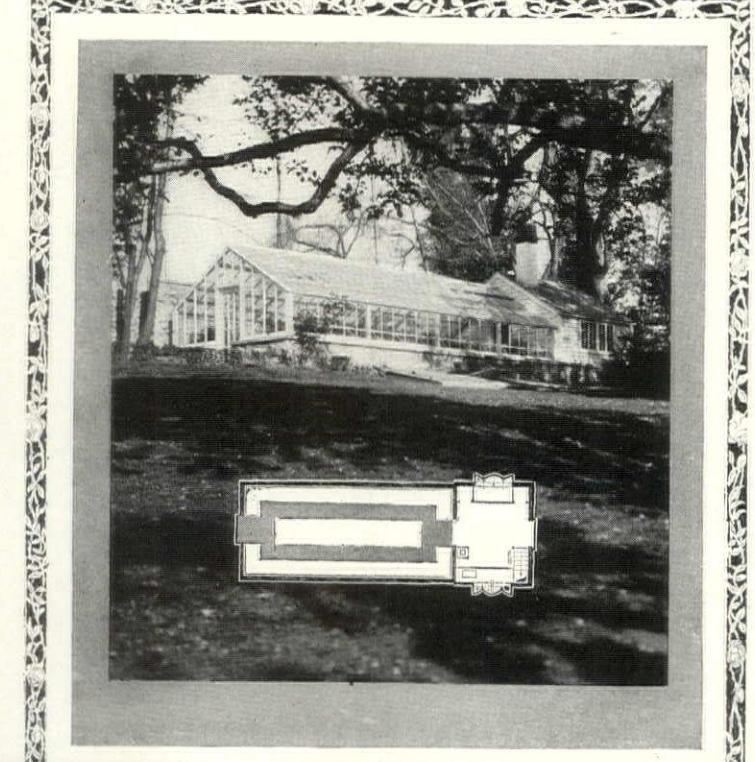


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# THE HYBRID PERPETUAL

(Continued from page 208)

and the center of the large double bloom is clear lemon, while the outer rim is creamy white. Some scent. A good, healthy plant.

*Druschki Rubra* (Lambert, Germany). A true red Druschki, same form, same size plus an intense perfume. Lambert calls it his best effort since he produced Druschki in 1900. As I saw it in his fields, it was glorious and promises to do as well in America. May not be as rampant as Druschki but the foliage seems better.

*La Giralla* (Dot, Spain). A cross of Druschki and Willomere. Large bloom of Willomere's rich tint on a Druschki plant. Varnished foliage of good consistency. Some perfume.

Dot has also produced two climbing Hybrid Perpetuals that are the talk of Rosedom; one of these imposed itself upon the jury of blasé rosarians of Bagatelle (Paris) in 1927, and

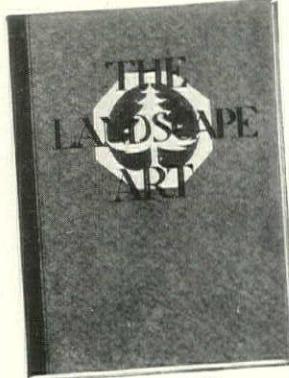
won the only gold medal ever awarded a climber. This variety was Mme. Gregoire Staechelin.

Pages could be written to describe Mme. Gregoire Staechelin's virtues. A combination of Druschki and Chateau de Clos Vougeot, the long pointed buds splashed with maroon open into a large bloom of Druschki size, with a school-girl complexion and the intense perfume of Vougeot. As vigorous as Dr. Van Fleet or Silver Moon ever expect to be, the foliage is large and handsome. Does not remont, but the hips in late summer are quite ornamental.

*Apeles Mestres*. Called a hardy climbing Souvenir de Claudius Pernet.

We may see from the above list of hybridizers that the renaissance of the Hybrid Perpetual is general and not only a local sentimental movement. Let America follow.

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**Thymus Vulgaris:** Yes, it grows like Thyme, but doesn't seem to become a nuisance and its carpet of deep pink flowers throughout the summer and fall is most enjoyable.

**Tunica Saxifraga:** The beautiful grass-like foliage and dainty pink flowers of Tunica may be enjoyed from early summer till late autumn. Indispensable.

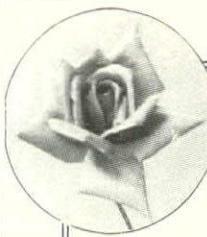
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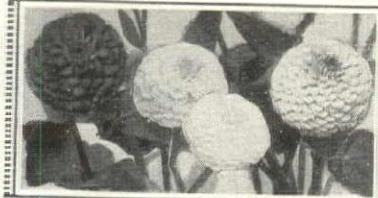
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### SHRUB CUTTINGS

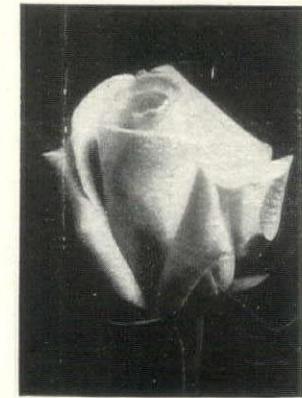
**T**HOSE who make a practice of cutting branches of spring-flowering shrubs for forcing in water indoors often find that after the sprays have been in the vases a few weeks they begin sending out roots from their lower portions. In the case of the Pussy-willow, a favorite subject for early forcing, these roots may be numerous and attain considerable size.

Branches which show this tendency not infrequently have it in them to develop into bushes in their own right if given a favorable opportunity. It is worth trying the experiment of shortening their tops about one-third or one-half and planting them out in a sheltered, shady spot where the ground is light and naturally moist or can be kept constantly damp by artificial watering. If they take hold at all they will make enough real roots to justify setting them out in permanent places next autumn.

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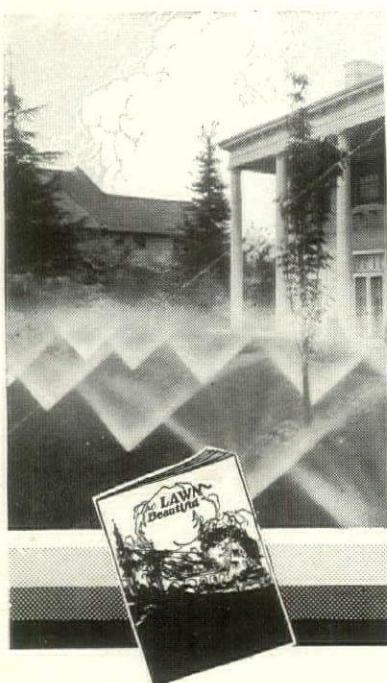
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## THE GARDENER'S SCRAP BOOK

In this connection, it is interesting to note that over-watering probably ruins more seedlings each year than does an under-supply. The most successful planters are generally those who realize that very young plants can be drowned more easily than they can be killed by thirst.

### SUPPORTS FOR TREES

IN the general clean-up of the grounds it is a natural temptation to take down the guy wires which have been used to steady and hold straight those trees which were set out last fall and early in the winter. At first thought it may seem that the stock has become firmly established in its new home, for its leaf buds are swelling and there is every indication of awakening life and growth, but such a supposition is not quite justified.

As a matter of fact the trees are very much alive, but that does not mean that their roots have a firm grip on the soil. It takes a full year or more for a good-sized tree to re-anchor itself firmly enough to withstand the buffettings of the winds. To remove the guys before such establishment is complete is to run the risk of the trunk being blown out of the true perpendicular, if not actually flattened by some particularly boisterous gale.

### CONIFER LOSSES IN SPRING

IT not infrequently happens that the smaller kinds of conifers—especially those which have been planted not more than a year or so and are in exposed situations—are injured by the strong, dry winds of early spring. The damage is not in the form of breakage, but manifests itself in a browning of the foliage and a gradually increasing brittleness of the twigs and branches. Coming at a season when one naturally expects new growth to be starting, this situation puzzles so many that an explanation of it is appropriate.

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\$1.00  
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Waterlilies will bloom from Spring until heavy frost

Nothing in the garden is quite so fascinating as the Lily pool with its superb flowers, unusual plants and flashing goldfish. Be sure to write for the catalogue today.

Arlington Waterlily Gardens  
680 Forest St., Arlington, New Jersey

# THE GARDENER'S SCRAP BOOK

The trouble results from too much evaporation from the foliage, induced by the dry winds. Were the roots of the trees in active growing condition they could doubtless replenish this lost moisture and save the tree from harm, but in the early spring a condition of practical dormancy still prevails underground. It is a case of taking away that which cannot be put back promptly, and the result is a dead or dying tree.

There is only one way to combat this particular trouble; protect the trees from the sweep of the wind, and spray them at night. Fortunately, the difficulty does not arise every year, or anywhere near it. It is just one of those risks which people living in open, exposed places may have to face sometime. Many a spring passes with no loss whatever from this cause.

## CONCERNING LITTLE BULBS

**G**IVEN a chance, the early-flowering small outdoor bulbs like Scillas and Grape Hyacinths will self-sow quite freely and in the course of a few years greatly increase their original numbers. The seed pods form soon after the petals of the flowers fall and, ripening quickly, split open and spill their contents by the dozen. The round, shot-like seeds send down rootlets in due course and form bulbs which work their way to the proper depth as they grow and reach flowering size in two or three seasons.

In order for such events to take place, the flowers and the ground around them should be left undisturbed, especially in spring and summer. It will be a good idea to gather some of the seeds as they ripen and plant them in other favorable situations, so that fresh colonies of these welcome little spring messengers may be getting under way.



Saxifraga McNabiana

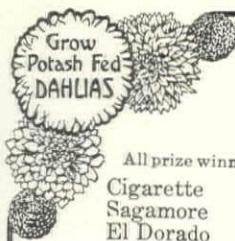
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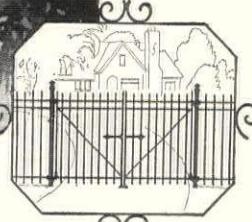
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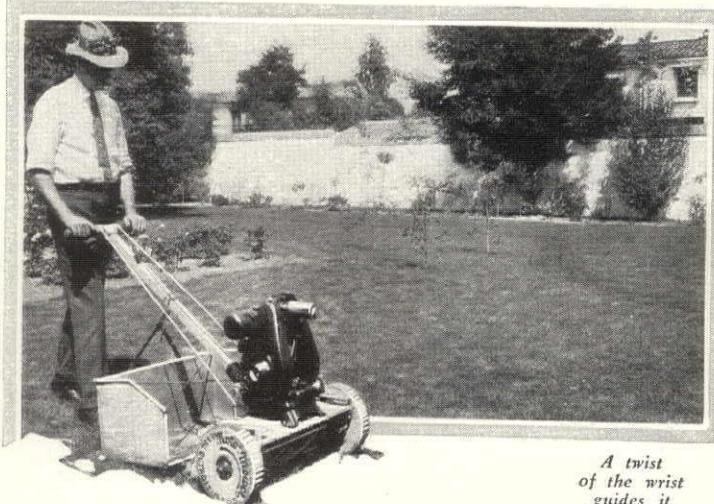
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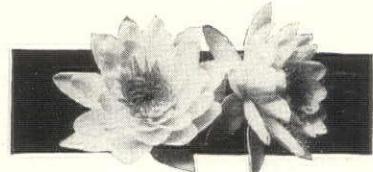


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# Building . . . or Remodeling . . . plan Telephone Convenience for your Home



*Service can be fitted  
exactly to your personal tastes  
. . . it will add tremendously  
to living comfort and appearance*

1 1 1

If you are building or remodeling your home this spring, be sure to include *telephone convenience* in your plans. Telephones all through the house, for ease in placing and answering calls . . . sufficient telephone outlets to give flexibility of service . . . wiring and some of the apparatus *built in* . . . these and other features of modern telephone convenience will contribute greatly to the living comfort and smartness of your home.

Telephone convenience can be "custom built" to your individual tastes and requirements. It can be fitted exactly to every household.

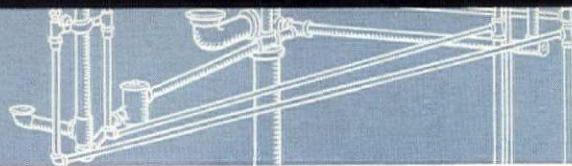
The living room, for instance, suggests itself as a desirable location for a telephone in most households. So, too, do the library, sun porch, kitchen, reception hall and bed chambers. A telephone in the guest room is a nice compliment to your guest. When the basement is utilized as a recreation room or amateur workshop, a telephone adds immeasurably to its comfort. And the servants' quarters should, of course, be equipped so that all calls can be answered promptly.

Two or more telephone lines are desired by many families, for the added assurance this gives that at least one line will be available for incoming and outgoing calls.

And besides the general service arrangements, some people want additional equipment for special purposes. Push buttons and switches for intercommunication among the house telephones. Special bells and other signaling devices for particular uses. Portable telephones which can be plugged in where desired. Switches to cut off bells temporarily. Other switches for disconnecting the servants' telephone temporarily.

It is not at all necessary that you build or remodel in order to have complete telephone convenience. Your local Bell company will be glad to tell you how easily . . . and at how reasonable a cost . . . you can apply this new idea to your present residence. Telephone today for an appointment.





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